

Abistract of a whating Poyage An Board Bask Clarice of Edgartown Mediusday Oct 18th 18.71. Commences with hight buenes from C. C. at 11.30. Am saw for Shoul of Sperm whales 4 Points on the weather bow beading to the leward at I P.M. got the whales on this her bow breezeing on Strong tooking light vails and howed 3 Bed Comila thick with light sain lostering went in board tack Bout got enn of the Whales again at 4 P.M. Larb Bout struck got Capsized by foul line love toob Box of pricked rip the Boats Esew Still in Jameset of the whale at dark strinch the while agin I Mile & h to windward of the This killed the whale & got him to the Ships at 10. P. his. last the Lurboard Bout with all her whaling Thear blowing on took in Sail to Clase suf Minn Tops Sail Do Ends this clay Lat. 40.45 Brith Long 46,51 Houseless Oct 19th Commences wath a gal fum I Wi goose winged Mun dals Sail & fant another flake Chain & Cuthing Fall on the whale blowing heavy with a high sen put Rope Stopping on the flathe Chains to Ease them when the ship roled Ported the Cretting full & broke in of the Borosport Bitts at of P.M. wind shifted suddenly to so wand blew furiously with a very bud Sea Ends the sums Miday Oct 20 # Commences with a gale from the west round with po bad See at 10 Al Comment. Modeducting got ready for authing at I Phon Moddente with a bad Dea get the whales: slong side of hooked in with & fin Chain to sugged to get a hook in the whale the

Continued wind Changed to V D, blowingon again Cut the whales head syrace of put a fluke chaire Cutting fall to him & wow ships to keep the head from pounding against the ship at 10 got the body in it is blowing heavy gale very rugged butting full parted to the head & the Chain took the King Both out of the cuck aft & split the quarter Chocks out got the Chain forward in the flake pelas No Ends this day ... atnanday Och 21 mg Commences with a heavy Jule from V. V. M. Thip heading to VI & undin Main spencer & tou Top must Playstail at 1 P. In, wind Change Middinly to A. W. & blew fraisfully with to very bud Dea the flake Chain partied & were last the Head Ends to sugged to boil blubber much blusted Junday Oct 22 O. W. at daylight Modderating Set Main Sofil began boiling very rugged Middle & latter much The Varne blibbe Much blasted Oil enning badley Monday Oit 23 with heavy squalls of zuin Michelle Minch the Same latter blowing heavy took in Fore Sail Ends boiling Unisday Oct 34th Middle finished boiling about 3.5 bbls 13lack Mechies day Oct 25 Commences with five weather light bring from of We heading to So, no with all with at & I'm wind shifted to the South steering

Continued: Thursday Oct. 26th Commences with fresh bruges M.E. Stevening M. by V. Stowed glown & Busk Containing 34. bbl Apon Cil at 9. Am. blowing one tuffell by the wind under double reef main Lat 41.09 Long 45.58, Vopo Vail Friday Oct 2%. Begins with a Modderate Gale fun E. V. with a bud Sea steering V. W). at 11 Am liffel by the wind heading south at Sun sot wow this to Sul, Sunder double reef Main Jop Gail Lat 40. 18 Long 47.09. Monetay Oct 30 Regins with strong bruges from O. J. W. heading to JE at daylight set double seefs fit & Spenker at 9. Am saw p Shoul of small whales Joing mick to Ex. 60 Come in thick & raing lost ense of them at 12, Mr. found them again loured 2 Bouts Com in Stredly again saw hothing Mon of this got the Bouts on board blowing fresh with heavy rein at 4.30. lighting up a little sur the wheles how the ship budley gulled lover with out success tookin sail to double seef Main Jobs Vail thick ruing weather dut by ain 40,00 Ling 48:30 Monday Nov. 12. 4. Begins with strong double sufof Hazul it 4 P.M. saw (a Speem while lowed I Bouty after the sun had been set to Minds this Larbourd Boat struck of got oton had To cent live it being dark Tipeselan Nov 13 th Begins with strong doubt huns from Is not 11. Al sanga Shool of small whates lowed 3 Bouts gut 2 time we get them to the shirts tayout by the

- 241-Continued. Vatuarday December 8#1911. Begins with bush bruges from the North steering & I'm at 9. Ash, sono ( Shoul of open Whats lowed 3 Bouts the Waist Bout Struck but was doon loose suppu The line to have been parted in some way by & loose whale probbaly got the line in his Mouth he went off with one Iron Coreldent get Rose hard brek Lat 19, 4%. Long 32, 55, W. Monday fun 8 18/2 Begins with strong S.E. trade shipunde double sufs at 6 Am saw of shoul of open Whales breaking at & lower 3 Bout for them the Starbourd Boat struck a bow Whale the other two Bouts struck bulow the wholes brought to set 2 athers sporting blood last them soon the 3 forth w Sat 16. 57. Long 36.07 Wednesday 10 # Maris in Company they galled the whale Herrischun fun 11th Van Sperm Whales in Company north the C. Morris. Mattest him Boat Atrick took the whale to the 6 hr, and outhin Lut 17.02, Long or or Friday Jun 12th with the Comodon morris Chaires Starbe Bout Struck took the whale to the Clorice Cut him Matering. Vain Akum Wholes lower the Starbound Bout Street took whole to the Sh South Sat 17.16 Long 36. 35. W

Continued Teb. 12#18/2. Commences with fine weather with fresh trades at 6 km. saw ashoul of Spin whales of all fines at Thouse Bouts the Waist Boat huy hooked a 50, bound whale with a good chance I don't this The Whale all though it was slightly bent the whales started to The Leward the Larbourd Dout sturch (0 Small whale at 11.30. Oh took him to the Ship to Buil days work for The Chance the Schoone Ellen Rodinan lower for the Sure bhales but got home fyest forg 35,50 Alburary Howe dun nothing some the 12 from the 12,40 from took & E. trustes in of South fetched out in the Lat 15,00 Long 50,00 Stated There 3 days very Strong trades kept off for Domineron one of the west ands Oldlands to get water wouldent alowers to anchor them kept of for Eustalia where me androw Murch 26 thank our to It tit and got 160 thop water Lust 2 min suman Went buck to Enstating & Shiped 3 min left Gistation of April ? " april 15 arived on the Charleston June had good weather for the Peudonof the year May 6-1. 1472. Commences futh fine weather at 3 PM. dans a Shoul of Aprim Potates got 4. turned wp 6. heing hight lost run of the other 2. Lat 30.43 Long 74.08.

-243-Continued Heese 24 hours Commences with Synally beather accompained with thunder & sharp lightning at 7.40, Alle during a hour Tempest om for Must head was strick by Strick the For Koyal Mast & top Julians Mast I followed down to head of Low Mast from there down through the Sheck splitting one of the bushings Knacking one Min sinceless & Shocking several others sent sours For Job galland, Must sent in The file Boons a fished head of For Must so that wer bould cary file & double reef fore dop doit in good Weather then bore up for Bermudo June 89-14/2: 2 Mary 2009 74.50. Noest. Commences with fine weather with light airs from E. S. E heading to Go. E Lower 3 Bouts. Start & Land. Bouts stonet & saved the whales Muist Bout struck & Cut the Line a Luncing the Whale Maist Bout went on again Boutsteise Missio the whale with (a Aboa Chance to basi to have such work Lat by act, 32,00 s! June 15th Long de - 66.10 Week Came to anchor in the Port of Hamilton July 3. went to Bus Bound for Fayal to get p con fully 30 the Men all tald on board At 10 All sount on Those & shipped I gran Portugues at 5 Cume on bout and Attend for Februs to finishing My Grane

Continued July 26 # 1812. At. 3 P.M. got in to the land at thous have had very light wis & Oulms since leaving Tayal went on show at y. setumed with to. freen tertriques 4 busticles Patatois, Galm Ship got drifted off frily 2 9 to Ment on Thou at Carve got 34 buch Patatoe. 35 ov. Onions 18 Down Eggs 33. Chickus Bullock: Planted to the westward to Com for Whales, August 12th Commences with fine weather light airs from I. A. W. Ship heading to the Thousand under all vail at 5 the saw a thousand the Whales mint to the Windware wick at 4 ster gave who the come gove up the Chase took whale to the Phile Lat. by at 38,30 Long 45.20 Jang 19 11/2. Ship It George insight wind of W. Steering M. W. at 12. M. Strong brunes, at 1.30. S.M. saw & Shoul of Sperm Thrales Comeing to windsword youck get the Ship in a head of them of lower whales tring to the levand Thanks & Lack Bouts Vitnich Lard Book Willed a loose Wheele Warst Bout in Chosey The other Noticeles of preked who this deads the Ship blowing heavy & surally took Sail one of the Wholes got out of the fluke The lowed waist Dout & got fast to from again

-245-Continued Whole Ming 20. 18/3. Commences with strong winds for the Mestward with heavy squalls Much rain at I Am. Modderating Made Vail sent Larb. Root It help tow the whale to the Ship blowed away the fly fit at & Alm, got the whale to the Ship got seary for butting at 5 P.Ms. finisher Entling Lat when we sow the Whales 40: 13. Long by and 98:20. Vaturday Sept of At daylight Made Vail Steering & by I wind at, S. Es since getting the last whales have had very bud weather have seen Mothing of the whole of Kind bound Inthe two to fortys to Look for them. Innday Sept 8th Commences with light beenes from St. So. M. Steering V. E. at 1. P. M. saw a Vail on our Stack Beam supposed to be a whater all so a whaling I hoone at 4 P.M. saw the Book Lower 4 Bouts at 5 how saw the Whales the Back struck Back Deaco. 3 wholes 21. Abl, Lat 40. 18. Long 40. 40. 3 Small whales at dark Whales Dist- Mile westword ship Luging with Main Jop Sail about at day light daw 2 whales 3 Points on weather how going mick to mindward Mude all Sail Saw them but I sierings sow o Schooner To the wind ward Lower for them without Inecess Ends with a Modderet gale Lat. 39. 53 Long 40.38.

Continued Vefet 19th Commences with fine weather with light winds from the constrand Ship the Bk. Lastitia New us lowed whiles Clase to his her Bouts struck o 30, bbl whale wee thesed until 3 C.M. whales out of Shight to windivare Bout returned without sneeds have Luckfore Lut 40, 20 Long 40,30 Wefst 28. 1. wind East Sarofo line Whale 3 Points on weather A Bow at 7,30, Am whole on weather quater ona Mile off. Sowred 3 Douts Dow him 2 sixing from the Ship Made no Signales from The This where the whale was saw Nothing of them from the Boats Start Bout wint on board whale had been out right of the Ship our am hour. raised More wholes to the Lewar Comeing Muck to windround Chase untile Ann Set without Uncceps Lat by act to vo berg 40,20

Du west post

Vin Journald of Touther Ounday January 6 1818

But sun set Trok

light Sails & Courses Set 16.50 Long 34. 53

Monday for the Meather steering

to the Mestward Our Mothing

Ory

1995 Mednesday of Jane Weather by the wond
Mednesday of Joseph saw a Mumber of Muchel
Mednesday of July saw a Mumber of Muchel
Must saw Porposes

Thursday In Soft baffleing winds saw

Several piccie official Porposes

Sat 17.66. Jung 36.45

Triday fun Tott I buskey yt Several Sails, broke out Meat

Caturday fan 11 m Sat 17. 30, Long 36,20 North light trade wind saw Muing Porpoises Several Pails Sound both Hotrales ways Sanday fun 12. 4. Time pleasent weather Portuges Brig she was 24, Miles Cast ). 20 , Long 37.07 Month steering of by my 18:08 Jun 36.53

Cruise in Bask Claure Wheresday fan 148/18/3.
Weather striveing to the south same mothing athight shortened sail
Wednesday fan. 15th Continues with hight trade winds steering different courses. at Might
linffed by the wind to the South's shortened Threed ay fan 16th Long 36.46

Threed ay fan 16th Cantinues fine with light trades sheading of it is by the soined saw of sail steering to of 19.

Thiday fun 17.

Continues fine with hight huges from the outward heading to the Dat of the plant of the first of the plant of the first of the plant of the first of the part of the day so Olds of the partired ay 18th of the continues fine with hight of the of the outward ay 18th of the continues fine with him Vinday 19th Continues fine with hisk Vinday 19th Vinday 19 Continues fine with light trades

Edgastown Hom the Island of Michael Co River La Platt Comissing for Open Die Rovember 1. 1873. At. 5- PM, left Stilleschaels for Swortst & Galmes toutehed at It Jugues one of the. Cape De Verds. Nov2/ut buffling Winds & south suise Synalls Mo Frade Took I.E. Frades. out Sol & to Sky &... Lat 4. 40. S. Long 19.10 W from I. S. Es with fine with bight breezes

John D. S. Es with fine Westhy mil with long 33.24 Dec 18th Stress 24. hours light breezes from S. S. En heading O. W. by the wind Lat 2.. 31. 5 fong 25..09 Dec 14th These 24. hours brish bieres from & E. G. J. Sturing O. M. Lat 4, 52. Long 26.59 Lat 4,52. Jong 26,59 in Larb: Bout to repair & Painted Which Bout Dec. 16 # These 24 hours light bruges from ESE Decreing V. W. 12. Lepaining Du Topo Bail Put out Stub. Bout Linestred Joto Sail Down 2 Vails Long 30. 46

Continued. -251-December 18th There 24 hours light breezes from S.E. Sturling of Wil W. employed repairing Sail of Boats sut dun det saw a Back Clerked down Ho Supposed her to be a whale O Certling Dec 19th. Jak-12.20 Long 32.23. Continues the same sur several Vails Lun Observe So Obs took Bout don from aver head to repair Continues the Lame Steering V.W. De 21A Sut 15,13. Long 34, 33. Die 2/A Continue from with light and Muring & D. Saw I fail attereing to the Morth Dee 325 Dee 325 Continues the Same at Sin Set by the wind fore Jop Dail abuck at daylight hepet off thering Why &. Dec 230 Continued hight trades of pleasent weather South Middle and Lutter Much the Sume Lat 18,36 Long 36.39 Honth saw several Sail Sut 21.08. Long 36, 14 Continues with light bugges from M.E Steering Soy W! at 5 A. AM, Steering of the by to Sair 2 Sail Jut 23. 13. Long 36. 28. ...

Remarks. On Doura Dec DO 1873.

All these 24 hours fine weather off aturing of M. M. I Sail insight sturing to the S. 20 Sang 37.03 These 24. hours brisk brien from So Es Steering & light Brigginsight appoint for Jop J. Vail Sigginsight appoint for Sup 38.19 Dec 28# S.E. Steering & 29w saw I sail 37, 26 Long 40.47 Dec. 29. Begins with brisk breezes from S. E. Sturing O. W. G. W. Middle & Latter Murch the same Lut 28. 55 Long 41. 39 Dec 30# All these It hours fresh bringes Stevening WSV.

saw (2 Bank under double riefs Main sail

of the heading to the Eastmand by the avind

Middle & latter Much the same

Lest 30.05 Jong 44.79

Dec 31 th Stress It hours light bring 44.79

ME, Steering W. J.W. Saw 2 prices of danied

Suf 31.10. Jong 46.45 Dec 30# Thereing W. J. 21 at Somet in light vails hands
up Courses at daylight Made Pail Song 49.10 Begins with fresh bruges from the South Shortened to double siefs & Lay abuck latter hight boffling winds from SS. St. 25 to al & man at duplight Made ale Suil I fail many Lat 32,55. Long 49. 1

Juniary 3 Begins with light brieges from be & Steering Von M Middle & latter raing & Jan 4th Eastward steering I by is. Ino I dail one suppassed to be a whaler Steering to the Janth Middle of Latter Shory bruges so, Old fan 6th with strong bruges from the the Eastward Steering I by Winder strong Vail Thick of laing a Whaling Back inerght at 3 PM. Wind shifted to the South Tooking to Close seef Main Jop Sail Middle Calm by the South west Calm latter brick breezes from the west offering of by W! . Ent. 36.40 . Long 51.10 heading I. S. at 30. Ph. tookin light fails at 4. double reefed at Sundet 2 Whales Thortened Vail at daylight 4 Whales in dight One had Bouts down Culm Begins with light buffleing winds 3 Middle light bugs from S.E. Latter Much. Sturing to the weetward James 13th Com Morris 140, bbls this Deuson spoke 18th Andrew Hicks 620, bbls all total latter light breezes from A. E. Sturing My Sy S. to & M. Com Morres ensight of one other Whale Luk Jul 737.22, Jong 52 alla

Du ment Just

Continued. Begin with light airs & boffling Middle light beeze from the South heading To the Mestward under double seef Low of muis Tap Pails latter wind from Soro, Made all Vail heading to J.W. at 11,30. Alm had a hard Squall from d. d. W) took in to Close enf Mains Degins with hard Innalls of 1 PM. fristed Main Jop Sail at 3 Chearing up est Main Jop Sail & fore Stursail Middle Modde latter from Weather Made all Sail heading to Westward Lat 37. 33. Long 58.35 Commences with fine weather owind. from W. S. W heading to s. m, at 1.30. O.M. water Changed Couler tacked ship to the Youth I Sail insight thick Jun water sur Porpouses at Might Thortened Bail Wind M. W. heading to W. I. W latter strong donble rufe bruge Stureing South thick Green Noutre Lat 39. 06 Long 54.20 Jun 12 1 Begins with strong bruges from the Westward water very light Conhered tept Off Steering Eby So, Middle light bruges from I D. lan four Top dail abuck heading to F. Es Vail heading to the East ward Lat 39, 12 Long 52.46 Commences with light light bruges from The Eustward heading to the Months down Porpoiss at hight shortened doil latter Made Sail non from the North heading to the Constrained at 9 A.M. Apke the Percific boiling 350. Hs Lut 38 5 6. Long 51.58

Janarary 14th Pontiniel -257-Commences with fuel buyes from the North heading & M. Es at Might shortined Soil
Middle wind Changed to I. S. E in Suprale lather
blowing a gale Lat 38. 51. Long 52.0%. Commences with a yell from I. f. Es ship heading to J. W. Middle Modderating Latter fine bruges from the South heading to E. F.E. Jan 16 th Recommences with light buy of from the South Gamed 18th Recifee Middle & latter brisk bregges from the North. Jun 17. Fresh bregges from the North Saw hothers Lat 38 56 Jong 52,04 Jan 18 Fresh buges from the worth saw hothing Lat 38, 36. Long 31,02 Jan 19. First part fresh bruges Morom the Morth Middle and latter light bruges from the and Joggy latter light breges from The South fine weather Steering With, rol I Murch and This fran 21et First part light breezes from the South heading to wish, wo at 4 P. In. shoke the Bark Mer Muid Mest tout 30. While This season Latter light airs & baffling from 18. Es. to 0°, 20)

Jan 22. First part light doffling air & Celmo Middle & latter Much the same fun 28 First put pech brage from the Eustinand latter strong Therene

for 23 Jay 25. Continued, the East round ship heading to the South Jan 24 Dagins with strong breezes from the 6. 8. 6 Middle Monch the same latter at 5. AM, Saw Sperm Whales at 7.30, lover fun 25 B.B. To Swith a Modelerate gale from V.E. at 3 P.M. Commence - Enthing vorez sugged at dark or I Plan yout for the Thigh's blowing heavy & saining at 5 AM Commend Ends Cutting blowing a fall were sugged with a back Dea Sat 34, ou Long 52.36 Jun 28. Hommences with a gale from DE at 7. P.M. got the Case in slings at 12 got the case last the head Ikin blowing (a) strong gule This in 23, Fathons water with a short bombing dea thick rains Four Sail Ship heading I by Why the wind last it in lask Same Gut the Junk & put it in lask Sat 34.17. Long 52,40 Jan 27 to Begins with a gale from S.E. Ships freading to the South by the wind set Clase sief For Top Sail Middle Modding bruges & fine Weather Lat 35.32. Long 53.15. Jun 28th Commences with light bruges from two Eastward ships heading of the four the roin Middle of latter Culm employed boiling Jan 29. Cummences with light bruges from the 8.8 heading & So. & leg the wind Middle Much the Same Latter at 10:30. blowing a gale from I. E. took in Sail to Close suf Main Job Sail Jut 35: 53 Jung 51.45"

Jun 30th Commences with a strong gale from Ed & at 7 Mr. finished boiling wore ship heading Youth Middle Much the Same with squales at 7 km Modelinating wore ship to to to set Clase suf Mais For For Sol Sail Jul 35. 53 Long 5-2.14 Jun 31 of Commences with a gale from S.E. Middle & latter Much the surve at 5. Who wore to of of 10, to stowchown all Ends with a gale Jak 35.46. Long 52.18 February 1st Begins with a Jale from S.E. at 5 PM. finished stowing down word to E.S. E. st ton Jail of clouble reefs sturing SESK SA Main Jail & clouble reefs sturing SESK Suf 34 50 Long 51, 13. Hatricetory Monday Feb. 2 Degins with strong breezes from P.E. stung A. E. Middle & latter Much the summe Thresday Feb. 3 4. 12. Long 50.21 Commences with find weather fresh burnes & J. E heading to J's. E. at 3 PM. Spoke 15th. frie Mathen Lat 33 55 Long 51.0%.
Wednesday Feb 47 All these 24. hours fine weather with light buffling wind Lat 34.28. Long 51.13.

All their 24 hours light baffling wind y Colm

Lut 34.44. Long 51.01. I baffling sound the Compass with Culms separate the Try Marks they are very bad 3 Sail insight fut 34.10. Long 57.23

Continued Vaturday Feb. 7. 787 34 Commences with hight treeze from 6.8. E. Ship heading to the South at 5,00 PM. tacked to I.E. Middle Much the Sam latter strong heered from the Sorth and smoken heading The Eastward Junday Feb. 8th 35.00 Long 50.30 Commences with Strong buges from The South heading to the Eastword saw Jumps at sun Let shortened to Clase seif main Jelo Viel of Phorm Sails thick raing with Shunde burrometer 29. 60. Middle wind Changed to the Westward blowing Strong Ship heading to Monday Fleb. 9. 10 Commences with strong breezes from the Westward Ship heading to Jo zo. under 2 doubt suf Job Pails with a bad Sea at sun det blowing @ Jake took in to Close seef Main Sofo Soul latter fuch bruges & engget Lat 34.05 Long 51.00. Dresday Feb. 10th Commences with light breezes from the South Steering vereions Courses Midelle & latter light bruges from & f. & saw Many Perposes standt 2. 4 last them for Sat 34. 18 Long 50. 48 Wednesday Feb. 11 Commences with brisk bruges from East Ship heading P.S. & With all Sail set. Alida Much the Same latter strong bruges from Et. 8 heading to the South thick Change to Cle Commences with strong breeze from the Castward & Smally ship heading to the Shite at som set double sufed in Jile of Spanke mon ship to I.E. Sathin Much the Same at I Ale. tucked to the South

Veb. 13" Continued Commences with strong luces from the Eastward at seen set double enfed & wore to the South Middle Munch the Same latter Modderate with fine Meather at daylight wore to the North Made all Sail ship heading & & law Grampuses of a White Mater which we tacked for saw Nothing More of it tacked back to the M. E. Lat 34, 24. Long 50.36 Saturday Let 14th Commences with light bruges from 6, 2, & heading to So Es, at Might shortened sail to double seefs lather fine Meather Made all Sail heading to the Pouth 42 fat. 34, 18. Long 50.44 Commences with light breezes from F.E. & fine weather steering so, wo at Might Shortened to double seefs heading to the Mosth latter strong breezes from the East heading V. E. by E. Mus took in light Sails Monday Feb. 16th Commences with strong bruges from the Eastward heading J. E. by E. Middle Much the same heading of & by V. Latter Strong bung 50.13 Lat 36.14 Long 50.13 Trusday Feb. 17th Commences with brisk bruges from the Eustward heading of E. by & Mirddle Much The Same Ships under to double seef Misin Dop Sail & Fore Sail letter strong bruges & Vinaley set double seefs Main Sail fil and Spanker heading of J. Es Jut 37.09 Long 49.5% Commences with strong breezes from the Eastwerd heading to J.E. Middle Musch the Same latter Steering & M. strong bruges Sat 38, 48 dong 51.03.

Continued Thursday Let 19 # 1874 Comminces with strong breezes from the Clastword steering & W. at 5 9. m. lifed by the Mind & Es, sow Many Birds & small trak latter Sturiding to S. S. E strong double enf Miday teb. It to breezes. Commences with strong double suf busis From the Eastward & squally Standing It Is A. E Middle Much the same lotte frequent fogg squalls Sut 37, 40. Long 50,21 Commences with light buyes from LE and Joggy Ship heading to so E, Middle tealm latter light airs from I. 2. June weather sturing S. E. Burrometer 29.40 Thenday 426, 22 Jong 50, 10 Commences with light breezes from I. W. Steering S. E. Middle & latter Much the same saw Many skip fuches & Albicon Sut 36. 55. Jong 42.31 Monetay Feb. 23 Sommences with light breezes from of W. sturing S. E. by S. Middle or light airs from the South heading to the Eastward 3 Sail insight Commences with light breezes from the South heading to S. E. Middle Much the same latter Wind Changed to the South steering So. W. I Sail Mednesday Feb. 25th of et Steering So. W. at hight shortened Sail & and hiffed by the soind to I ar lathe Calm One Sail insight Lat 34.43 Long 48.23

-263-Amusday 726. 26. 1874 Commences with a calm Middle light bruges from the Sico. Ship heading to Sow, latter heading & E. Saw 9. Sail merchant Shils Lat 34. 12 Long 48. 28. Hirday Feb., 2%. Commences light treezes from I. Wat 2.30. I.M. had to hard signall from the South Shortened to double seef Main Jop Bail Modderating Maile Juil aguin Middle I latter fine weather with hight airs Jut 33,50 Long 480. 22, Faturday Feb. 28 Commences with brisk breezes from Now heading to the South Middle wind from the South heading to the westword latter the same with fine weather Sand 33. 5-3 Long 48: 5-4 Commences with Light airs from the South heading W. J. W Middle Galm heather light. Sail Monday March 2. Commences with hisk breezes from A. & Steering W. J. M. Middle Thortened Sail of laffed by the wind to So, 20. latter fresh breezes steered different Courses Long 50. 54 Sommences with fresh breezes from lesers hatter at 9 AM wind Changed to thestward in a Syrall took in to talor seef Main Jop Fail Ends Calm & saing North Munder & lightness secured for po lyche Bornetter 2. 9. 20.

Continued Wednesday March 4 1874 Commences with hight boffling winds round the Compage Middle blowinger to gale from W. So, W & Clearing ship heading North latter Much the same Barrometer 29.00. Sut 34.48 Long 49. 42 Thursday 5-95 Commences with (at strong gale from wish, y Middle Much the same latter squally synalls verying from W. V. M) to Wish wo Barrometer 29, 10. riday 6th Commences with gale from My, mi and squally Middle Modderateing with Chew Meather letter fine Meather brisk buyer from the Mest ward Made Sail Barrometer Lut 32. 5% Long 49. 20 Vaturday 7th Commences light breezes from W. I'M hearding to The South Middle Calin latter brisk breezes from M.M. E Steereing of M. by W. Saw 2 Preces of Squidd Lat 33.34. Long 50.23. Innday 8th Commences with brisk breezes from the south Aturing & W. at Might shortened Sail latter Strong double seef buyes from V. J. Wistering Ely M. Lat 34.17. Long 49.41 Monday 9th Commences with strong breezes from 8, 2,20 Atusing Eby So. latter light breezes from V.S. heading & S. & Sat 33, 48, Hong 480, 25 Thesday 10th Commences with light breezes from E.S.E heading to S. E. Middle Calm latter brisk breezes from E. S. & heading to the North by the wind spoke Vohr Gertlie E. Marrow. of Bath Steering of 20. Jut 32.43. Long 48.41

Wantinned. Murch, Wednesday, 11 th Commences with brish breezes from A. C. heading to S. S. W) Middle heading A E.V. E. letter wind South heading & ly 10. strong bruges Laty. 47.29 Lut 32.46 Jong 47.29 Commences with brish breezes from the South heading Ely So. at Might shortened Vail latter fresh breges from S. 6. Wheading Bommences with hisk breezes from A M. D heading to A. M. E Middle wine sound the Compage lather wind from N.E. heading to M. E. Jano shight Oleturden 14 2 Long 44.46 Commences with strong breezes from E. I heading to So, E, saw 4 There's of spridd Middle wind & So, & heading to the North latter wind to E, with Strong sprules with rain until double Commences with by the breeze from seefs Sun Let More Ship to Every wind South Middle wind from the westward father light breezes of burriable from Must to South Steering le by E. Lut 30.46. Long 43.41 Monday 16 9 Commences with light brezes from the South Steering & so, Es Middle Much the same latter strong breezes from J. E. heading to Esby The wind Met 27.08 Long 43,00

Continued Medresday March 18 187.4 Commences with Str At Tuesday March 17, 1874 Commences with strong breezes from E. S. E heading to SE. at Might dortent Vail Middle blowing to a Jale from She En weather latter wind vierrable to S. S. E. Medricsday 18# 41. Long 42.23 Commences with strong breezes from Middle Calm Ratte light brisis from heading East. Saw several Stil Commences light bruges of Ely of hiading E by S. at Might set sea watches Middle Mich the Same lattie brisk breges Thiday 20 th Commences with strong belles from & Es, heading & Es, by & at 3 8 M. Strong squalls with Duin look in to double reefs I sail in sight heading to I E Middle Much the Dume hatter heavy suin I dail in sight Vaturday 21.4 Commences with strong breezes with heavy syralls at 6 AM. heading of to An St. EO won ship to V. I. C. Middle, Modelinting leather fine weather Much Soul heading ( E,

-267-Continued Sunday March 22. 1874 Commences with brisk breezes from N. E Treading of E, by E. Mildle Strong bruges Ship Heading East latter light burges from the South heading E. S. E Monday 25 206 Long 36.49 Commences with light airs from the Mustward steering for by En Middle Galm latter lights airs of boffling sound the Composes Lat 27. 3%. Long 36,2%. Commences with light airs from the Nonth Middle brick breezes from 6,0,00 Latter the same ship theading & E. Sut 36.00 Long 35.24 Wednesday 25th A 2,30. P.M. Saw a Operon whale Mear the ship had to feet blear of him Dog lowed 3 Bouts for him at 3. the S. B. Struck at 5 took whale to Ship sow I other Whales no Chance at 6.20, hooked on to lent at 11, finished latters Cleared aroun the head of Commenced boiling light breezes from 8, E, fine weather ship heading to E. S. E. Jong 35.48".
Thursday 26th Commences with fine weather light Middle Much the same lather wind Mith heading & So. E. Soiling 234,27

Dontinued Huday Much 27. 1874 Commences with light breezes from the South heading ENE. I fail insight at I. M. finished boiling turned up 35 bbls Middle & latter fine weather winds boffling from A. W. to North I Sail insight heading to the Eastward Sat 25.00. Long 33.00. Commences with fine weather light Middle & latting the same stowed down the Oil 33.19. Tunday 39. 2 4.53. Long 32.42 Commences with light boffleing ares & Calm middle Calm letter heuding to 8 m at 10 tucked Ship heading East, Sut 24, 55, Long 32, 23 Monday 30th Commences with wight airs from N. S. E. heading East one Sail insight sturing to the South Middle & Latter brisk breges , Law 2 Sail Strisday 31 est Jong 30.42 Commences with brisk bugges from the Sorth heading Eby N. Middle & latter Much the Same Lat 24.39. Long 28, 22 Commences with light breezes from 45.6 heading East Middle baffling with squal Ship in both tucks leather strong buges from A.E. heading & N. W. Saw I sail Commences with brisk breezes from M.E. heading N. S. W. Middle & lattree Much the Same Sut 22.04 Long 30.15.

Hilgay April 3 1474 -269-Commences with strong bruges from E.A. E. heading North Middle of latter heading Sigs Saw several sail Sat 19.63 Long 30.46 Vaturday 49 Commences with steoring been from the Eastward heading Soly & & S. M. E. Middle of latter Much The Same Saw Several Sail Stevering to the Commences with strong breeze from East Nanth heading S. S. & Middle & latter Much The Same serveral Pail steering to the South Monday 6th Commences with brick breezes from East heading & & E. Middle Much the same latter Synally & baffling from & & to East Lat 12/3, Long 31.02. Commences with small from & & to East Middle Much the Same latter light breges from the E by I heading A E by So. Commences with light bereises from Eby S. heading & Eby so by the wind Middle of latter brisk breezes sure several sail sturing to Sout July 15 Song 30.1%. Steering & by M. Middle & Latter strong breezes bufed for dots Bail Jones 29. 56, Commences with strong breezes from & S. E. Steering Eby M. suf out Four Joh Bail Middle & Lather Much the same Sat 2.18 . Long 2.9. 54

Continued Saturday April 118 1874 Commences with brisk breezes from E.S. & Steering & & by & Middle & lattic light breezes & baffling with lains squalls Trinelag 12th Commences with Light buffleing winds & Calms with syrulls of sum ship hear from & ME to & Sign Middle & lattie Mid The same Lat 1.05 x & 29 4 Lats I. von Bong 00. 246 Commences with light baffleing winds I A. Sr. E Middle & latter Much the sum Sut 2., 00 Long 30. 46. Thresday 14. All these 24. hours winds boffleing and Syrally with frequent Galons So Colo Wednesday 15-1 Commences with light breezes from the summer that I Minch the sum letter buffling & syrrolly Lat 4.28 Long 32,00 Thursday 16. 15 Sommences with light breezes from & latter Much the same Friday 19th Commences with light airs from Sie. & smully at 2 PM. Gulm with heavy rain Middle buffleing & syndly Soby Cur a N. M. D. Sut- 6. 44 Long 33,56 Saturday 18th Commences with light breezes from Same latter heading & by ED. experient Fores ap. J. Vail Sut 8. 48. Long 34.45

Dontinered -271-Tunday April 19th. Commences with brisk breezes from E.S.E Steering South Middle glatter Much The summe Steering Soby me fat 10. 50 Long 35.4%. Monday Speil 20th. Commences with brisk breezes from & N. E. Steering & No. W. Middle and latte Steering & M. legar. Sat 11.50. Song 3%. 52. Commences with brisk bruges from & S. E. Steering 8,20 by as sow Black Fish bought a Pospoise at sun set in light Bails up Cours & hiffed by the wind to the South latter, Steered & W. by J. from weather Juna 38.41 Medmesday 22 Long 38.4% Chon Commences with light breezes & fine weather Steering of W. by of at Might tookin Sail to the South by the wind latter Much the same Lat 11.41. Long 39.09. Sam 38. Comminces with brisk breezes from 650,59 fine Menther heading to the Month by the Wind sow Bluck Fish at Might haulid up Courses one suf in For Jop Sail latter Atrong bruges saw Black Fish Cow Fish & Porpoises Sut 13. 20. Long 39. 49. Firelay 24 th Commences with strong & & tracks at sunset fueled Courses & wore to o. E Middle & latter strong breezes so Obs Saturday 25th Commences with strong trades shalp heading to J. E. at Might furled Courses Middle of latter Much the lame Sat 11. 23 Song 38.39

V. Continued Junelay April 26 1874 Commences with strong & E. trades strering of by W sow 2. Thouls of Black Fresh at high shortened sail of hiffed by the wind latter String breezes & samuely Set 11.20 long 39.15 Commences with strong to E. Leader Ship hearing to the South by the wind at Might reifed Main Jap. Sail latter Commences with strong & 6 trades whip heading to the North by the round Miles Much the same butter sturing Pro Leanesday 29. 2 Long 41.15 Cammences with strong trades shing of 20, sow Black Fish Middle Stund Rolly to lutter the Lane Jul 12 25 Thirsday 30 th Jong 43.41 Commences with strong trades sturing May A Middle Much the Same lutter More Modelerate reparied & punker Lat 12.30 Jong 46.16 Friday May 1 TT Communes with light trades from East Steering Wby A. Middle & Latter Much The Same Faturday May 2 , Song \$8.34 Commences with light trades from East Staring Way M. Middle & latter Much The Suhm sepained My Job Stay Jail Junday May 3 Commences with light trades out Bast Steering Must Sat 12.51 Jong 52.25

-273-Nontimed. Monelging May 4 1874. Ill These It hours hight winds from East, Steering Mish of Sati 12. 41. Long 64.04 Man 27. " Suitelly 5th winds from East

Man 27. " Lat 13:01. Long 5-5.48, At Eustatia W, y for The West in front fine weather Suffer Jan Jong 58.19. All there 24 homes faire weather in light buyes from the Jouth at high Much the Came Lat 27. 10, Long 56,18. All there 24. hours fine weather light buyes from the south sturning Eby & rig, flow 4. Doll there 34 hours light bruges from the South with four Weather Come do by 8. 4. 2. Mm 5-9 09 Lat 28, 59. Long 52.08 Steering & by 8. Middle & laster Culming 51,24 me & Commences with light breeze from the Eastward and saing heading to Commences with light winds from A. E. Leading to A, So, 2) Middle I latter Much the Same

Donkinued\_ Monday June 8 6.1874. Commences with thight airs from The Koth heading to & So & Middle & Latter Galm All three & 4 hours Calm faw Mothing Commences with light air from the Milbroard Hunning & St. El. Middle & latter much the dame I for Old Commences with hight bruges from
The Mestround Middle y latter Buch the Same Employed tellings to Bryging OGenday, June 12 " Commences with light breezes from Stiereing & by & latter wind shifted to All these 24 light breezes from A. 25.

Sturding Eby A. Lat 33.14 Long 44.45. Dunday 14. Sight breezes from the South heading Est & Law Black Fish Long 43.19.

All these 24. hours bight breeze from AM, steering & E, by E., me point Mic. West Lut 35.2%. Long 41. 32. Trusday 16" Commences with light bruges from Sow. Steering Esby So. A hight shorter Vail latter light bruges Wednesday 47 Commences with light suffler Much The same Priker was a beaken must

Continued Thursday June 180 All these 24 hours light baffling wind Friday 19th ... Long 37.0%. All there 24 hours fresh breiges of smally at Might Shortened Vail of luffed by The wind to V.M. Wind of & lathic hept off A by & 10. Jan 37. 21. Long 37. 33 Commences with light breezes from I S. E. Steering Soby "D. Middle og buthe Steering & South Jaw Many Porpoises suropo busk, adieft dent Boot to it worms had your through it Just 38 do Long 40.16 Commences with light breezes fro I d, & fine Merther steering So by O. Middle & latter Much the sum Jut 40. 05 Long 40.44 All these 24. hours fine weather wind Courses Suresday 23.
All these 24. hours light bruges & fine Weather Steered different Courses Mednesday 24th Long 37.04 Commences with blick brieges from &. D. Steering Ely So. at Might shortened Dail of hiffed by the wind to so 20 Middle of latter strong buse of Jugny

Continued Commences with strong bruges from Of W), of Foggy Middle & Latte Anich the same Sud 41.11. Long 37.24. All there It hours from I, and sain with Strong breezes from I, and split form Dop Sail Saturday I, a All there 24 hours strong breezes from It, W, & Loggy Ship heading to dat & Ounday 28 to As Oles Commences North Strong bruges from I'd My a lainy Middle Minch the dame Latter a Modelitato gale Ship heading Lat 37, 45 Long 35,04 Commences with (a gule from Ju) Sail & furled Fore Pail at 11. Wind shifted to Strong & vair Clearing who latter light ais from West heading & In Dinesday 30 th Commences with Eight bruges Wilm heading South. same Houng bucks at Middle Shrong breezes latter blowing Sup Sail truments Bouts fruled fore dail Lut 39.115034.01 Wiednesday July 1 et Commers with a spake from & D. at 4 PM. wired houlled to as Sr, 20 in p squall Middle of Latter brisk breezes Lat 37. 58 Long 35.00

-277-Thursday July 20 Commences with brick buyes from bruges butter light, & baffling, To dies Commences with light bruges from tacked to the son squather All the 24 hours light baffleing winds Junday 6th All these 34 hours light boffleing ares & Centins Sut 35.17. Long 35.55. Commences With a Calm Middle & butter light brunes from No. E. steing 37. 10) The Eastward Middle of latter much the same repaired for Sul Lut 35. 36 . Long 38.11. These 24. hours light haffleing winds & Cealm Lat 35,40 .. Long 38.26 Continues baffleing winds & Galm (03.)
Musted Hohoom in sight

Lat 35, 50, Long 38, 52, Friday 10# All these 24 hours light baffling, winds from I to work, 2 Sail ingst Law Sprid & Block fish Long 39.46

Continued Vaturday July 11 18/8/14 Commences with breezes of versiable from Pd. W Do 8: 2) Middle Calm letten at staglight saw sperme while from & W. at 9.30. Starbourd Bout Struck at 10.30 took and starbourd X Culm loured 3 Boats at 6 light wis Strucke at 10,30 took whole to ship the other 2 Boats Chasing Jan 36.11. Long 39.36 Junelay 12th Commences with fine weather light breezed from & 2). at 30 Minutes O.M. Bouts seturned without success at 1.20 Commenced Centhing at 6.10. finished Middle Cleared owing the head at latte Monday 13th Commences with baffling winds & Coulms sow @ Mumber of Muschent Shits Middle of latter Murch the Lume at 4. 30. Am Saw Spirm Whales at 7. loud Whele & drawed the Peg want broken in the from See Mute Sais the flow went in Jam doubtfull Mustowiel Boot Struck another large whole Line Vartet on got fowl in wholes Jaw. Heard days Work I Lorge wholes Just Nothing bouts Chasing Lat 36.08 Quedan 14# Commences With a Balon bouts atracing at 6 PM, gave up the Whale & Come the Ship Middle & butter much to Sunshultut boyling Let 35.67. Long 39.47

Wednesday 16 Th -279-Commences, with hight beinger from W. S. 20 Middle Much the dance he the at daylight stowing down Breuches striked for them at 11.00. Mude Thimsout Sperm Whales Commences north light beines from in lowing the warst Boat the town & David tackle Tall gataway of the Bout fell in to the water Making Much hour I filling with water which stated the whale we got hear them seved times you them up at dark lurge fine weather Six 36.05 Long 40,26 Commence with brick bruges from N. W. at 30. M. Saw Whales brewching an Saw them spout but no Chance did Mot Lower they went out of dight Middle of latter fine weather Let 36.09. Long 40, 24 Commences with light bruges from the Westward Middle Calin latter light airs from a boffleing sturing of E. 40-06 Lat 35.54 Long 39.54 Commences refith light airs & buffling from South. Middle the sume latte light aire buffleing from I with to Lat 35,36, Jong 39, 58)

Commences with a Colom Middle Mus the same latter light bufflin and round the Compass Picked who Gellow Om Timber very buelley loom Eaten him Fin wood of it let 36. vo Long 40.01 All there 24 hours light bufflering and a Calms Saw Many Porposes Jung 37,54

Monday 2 2. He there 24. hours fine with light bafflering winds from S. E. To I. to Jung 37, 54

Othersday 23° Jah Song. af I Plo. Spoke Byru 6 20, Morgan Ofst Finkham 34. Months But 11,00 Spum 240. Whale lotter Long All These It hours fin weather at 1 PM. spoke the Drace. Fault. 26. 20 Jamed Bym Slace bought 140pl Sut 35.4/Long 39. 48 Chelinday 25. All These 24 hours fine weather hight breezes from I. I. & Jumen allow with 13 Mollapaissett Ceapt Verpp 13. Monther 3 40. Apen Middle a talks son Let 35.49 Long 39.51 Impland Making Boot Dails All these 2 & hours light breezes & fine weather latter part 2 Whalers immeright wind M of 20 Lat 35.49 Lat 39.4 Long 39.47

-281-Continued A Monday 27.1874 bruze from the Mestround & Wholess in Sight at 4 P.M. Saw a shool of Apour Abhalis Joing Mick lowed but ho Chance Chased untill glack another & Bask Lowed for them without Success Middle & father Much The Same . 3 Whales in light Lat 36.04. Long 39.56 Misesday 28th Commences with light breeze from the of 1), heading. & latte Calm Sowied for Bluck fish Come up & sain squale no Obs. Mednes Wednesday 29th light briezes from I ow, at & P.M. Boats returned Last Buch got of Bluck Fish Midelle & latter Much The dance Set 35. 26 Long 39.0380 Commences with light, breeze from of M. Stureing to the Moth Middle Bulm latter brisk breezes from And & heading to do no Sow I thischurt viewel Sut 35, 67. Jung 40.31 Friday July 31th Commences with heak burges from A. S. E at of P. Tr. tacked to the Eastward Middle Much the same latter brisk Soluter insight of Jat 35.32. Long 40.16

Daturday Aug. 1 to 18 4 Gommences
With hight Suffling winds from
With hight Suffling winds from
The same I Sail insight heading to It &
Osmolay day 2 g Continued bruges from the Eastween Mildle Hutter Much the same on difficer Tuck Sut 36.19. Long 40, 21 believes from the Eastward Ship hearty to I'd & Middle Much the same latter at daylight saw offerm white A A. 530 lowed of G. 50. M. B. strick A 8.20 Took whale to Ship start of the dark bout Sout out of dight at 12. 2 Bouts out on Commences with light begge Sum East at 2. 10, P.M. Sturing of J. 20 der the other Doutes with a Whale head of the Ship The Plantound Bout Struck the Sarboard Bout in Striking the Summer of Ship of the time out of dight The Druco & One But Chasing The drugs Bask got a whele at 4.10. Mm. got the whole to The Ship at I Commenced teathing got one head of staped for the night latter at daylight burning butting age at 11.30. Junished survether other Books Chadeing Whales to Mindrow of us sive I four of aft Volvaner all so Thesung ot 12 M. Saw & whales Joing yours to) Let 35,50 Song 4/ a 0)

Continued -283- . Wednesday Ang 3-th Commences with fine with light breezes from East at 36 Por lowed 2 Book for the Thehales Chased till duck me Chances whales budley galled by the other visules Middle employed to Cleving away heads latter at 5. 30. Am Commence boiling forling repaired L. Bout Thursday Aug 6th Sat 35.28. Ling 40.53 Weather employed boiling saw the other Books boiling allso sur the Schooner Friday Ang y A Sat 35.43. Long 41.00 Commences with fine weather from the East the But Ilsuco your At Their boilers of June supposed them to be a matering with their Whales Muddle I latter Much the same the 2 Backs of Schoone in sight of 12 m finisher builtings Suf 35.46 doors sees? light bruzes from the Eastward loke part Stowing down 2 Baks 2 1 the hooner in light Whalers Cooper of duty some Shin Int 36.09 Long 40.11 Commences with light breeze from The Eastward at 5. 6. M. fruished stowing Morgan has taken 160 bls since wee Spoken Last latter brisk buges & verrible from & S. E to South with light agrobe In Observe A Obs

Monday August. 10,787.4 All these 24 hours fine weather light breezes from the Eastward 4 Whalers in sight 10 Schowe Sut 36.06 Long 39.36

Theseday 11th All these 24, hours fine
whather light breeze from & b. & 4

whater insight famed och Petril Wednesday 12th Lut 35.37 Long, 37. 28 light dreezes from the Eastward 3 wholes insight Sursilay 13th light breezes from the Eastward 2 Wholes insight Sax Jak 36. 06 Long 39.39 light breezes from the East ward the Ochooner marght of Muchant wesells Obstanday 13 for 1 1 1. Long 37.29 light breezes from the Eastward latter lowed for Black Fish without success Sunday 16 the Stones from Start Start bruses from Sastward lather Spoke & Symme Sat Day 39.38

-285-Dontinued Monday Ang. 17 78 Fine weather light breezes from I. E Latter at & Allingsaw 46. W. Ollorguns Books down Steered for them I Lowred 2 Boats the John Petrel between us of the Morgan also lower 2. Don'ts they Julled the whales they Turned to the Windward Lowred our Starte Bout of ant them off but they mer to Comming dodged us & got Cleve No ane got al Whole Bout Chasens Whales Jorny yurick to windward dut 36.19 Long 10.00 Thisday 18 th At 1.30. P.M. gove up the wholes Book. Carne onbound whales insight to avendward Duaching & Miles of Middle of Latter light run squalls wind O. W. 2 Backs & Joka Midnesday 19 h Commences with thick Lake Huch the sume I Sail wight Hursday 20 th Ales Commence with brisk Areday 21th Same with squales of run Commences with strong bruges from I. W. Mille of lathe Much the sum I Borks insight Lat 36.10 Long 210.04 Let 35. 44 Ly 39.57 . Commences with strong burges from of M. lutter Survelly with enim

Oantinired Ohmelay Ang 33 1814. light breezes from the Forth latter Wind & & fine weather saw I Riccies of Synield Monetay 24.3 breezes from I. V. Eheading to the Eud Broard Saw I fail's Middle & lathe Much the same fat 35.48. Jong 39.64 All these 24 hours light Sofferent Courses | Whales insight Mednesday 26 7.51 Commences with hight Doute slown A14 Bm, Soon saw the Thules lowed of Chused they had struck of got one small whole 10.toll bles the 10k Cices 3. Months out at & C. M. Bouts seluind bothort sneed Middle of lutter Much the same Thursday 279 Sat 35.49 .. Long 40.04 bruses from SE Middle & lutter Morch The same Friday 28 Commence norther Culm lutter light air from N. M. D. strong Lat 35.40 Jones 39.39

Continued -287-Waturday Ang 29. 7874 Commences with light bruses from A So. W. at 5-PM. spoke Bk. Citero lapt Jenniman 3'h monthet out 3 bbl Latter bush breezes from of E. heading lat 35.53 ding 40 . 1/2 Sunday Frey 30 fell these 24 hours fine Courses saw hothering fat 35.35 Long Commences with light brugges from the South at I'm Wind Coranged to the westward in a shrunder Middle saring latter fine weather Tuesday Jept, 14 brisk brunes from A, 2) heading to No So, E Middle Much the Same hatte fresh breezes from Wo In streeting of by E. Bookin light dails suprimed of Mednisday Sept 20 Sut 37. 20 Long 40. 14 Commence with strong buenes from W. J. M. of Syrully ship stury May E. Middle Much the same latter Thursday Sept 3 fine wirther 4 Meschent Oresels insight Commences with string Jather Minich the summe Dat 40,06 Jung 41.35

Friday September 4" 17/4. Commences with a Modderate gale from 0,20 Luciding to 8, 10, double seif mun Top Pail of four Pail at Might Took in four Pail latter Modderation hope off Co, Saw Black Fost Job Smg 47,80 Commences with light Maddle of latter Much the sund Dunday rept. 6th, Lat 40 . 14 Long 37.57 Commences with light bruge from do, wo latter light from Monday you Commences with light breezes from The Westward Middle on Slatter from the Eastwerd saw Several piece of Imid Sat 40.18. Long 40.00 Isreading & A Wind sound the Compose at 6 P.M. Jamed BE & B Philips Capt Frances 6 Meks out To bob offerm Jus 40, 00 Jong 39.54 Mulnesday 9 9 Middle of latter Much the same Thursday 10th Sat 40.10 Song #0 10 Commences with strong latter Moddate July & Whale in sight

-289-Continued Freday Dept 11 1874 Commences with ( Jule from J.W), with hard Igricales Middle Much the same latter at 6 DM. Wind Shifted to 6. 8, 10 & Clearing at 10 Cealm Sat 40.04 Long 39.18 Deturday 12th lattic durially wind from It & & Juniday 13 8 1. Begins with strong buges from of M. double super saw 2 Whalers 10 thip at might shortent To alexe greef Marin Jop Soil at 4 Dm had a heary Innall from South as bad den saw one Pail Monday 14" Let by est 40,04 Long 40,29 latter brisk breezes from the Eastward heading The So. Por & Sat 40. 13 Long 40.09 Commences with brisk brugo from E, &. E Steering to So, So, E at 5.40, Pis I saw a done offerm Whale 2. Points on weather Bow going to windroard at Sunset saw him a guin on the Meather Bearn I miles off one other Whaling Book in sight to windward blowing fush Tout in to Close sief him Vapo dail & Four Sail latter blowing & gule with heavy surne

Continued Wednesday Jefet 16. 1874 Commences with a Gale from E. L. E wind shifted Middle Culm lattice brist briggs from I of m heading to I E Long 3/52 Thursday Current, Lat 40. 26. Long 3/52 Auddenly to of wo. Nove Ship to de All these 24 homes light bufflering wis & Culmis repaired For Jop Sir put 40. 0 4 Long 38.16 Friday 18th airs & Culm Sun Black fish the L. B. Bout Coughtone Signalized Detrugus Bug fat 39. 39. Long 38.16 Commences with hightbuffle winds from of to about middle buch breezes from In & typialez Cours Strong So latter a gale from & Ro, Es wind I Whalis insight Vunday 20 1 Current - Lut 39. 58 Long 39 40 Commences with a Modderate Jule from S. E. heading & Jr. m double Signal with Ber Modrew Hicks Midden Much the Same Sutter Modderate Jet Mit gallant Sail x 7 fil saw 2 Whaling Burks dut 40. 48 Long 39. 48 Alleonday 214 All these 24 homes strong bruges from So, Es, heading to A, 20 1 Whaher meight 40 28 Long \$ 37 52

- 291-Continued Imisday 22.7874 Commences with brisk briger from & & g frie Weather at 5 P.M. Sumed 132. C. W. Allorgun 860. bbl this Feason Middle But the Much the dume Sat 40.36. Long 40.20 S. E. & fine Weather the G. W. Horgung In sight Middle of latter Much the Summe East Greent Sat 40, 51 Long 39.52 Missolay 24. Be Begins with brist bruges from E. S. E steering S. no. Middle hight ais latter heading of no by the Wind Lat 40.43 Long 40.56 Commences with strong buyes from J. E. & synally Middle of lutter soft Farreday 26 ". Sat 41.05 long 39.49 I Commences with strong Mildle Wind from 8, 10, heading Sunday 2,9th Continues the Summer Let 40.30 Long 39.3% Monday 28th Commences with light breezes from the North Steering to 8. W) at 8 6 M. Apoke & gamed Cosh Morris 450. bbls this Jeason latter light breezes from N. E. Steering 8. W. by no Com Monres in sight

Inisday slept 29. 1874. All these 24 hours light buffleing winds of Galm at 5-PM. Gamed Ship 6. Mours. Just 40.44 Long 39.55 from The Westward heading of In Middle heading of My Middle Short Sail latter Steering of W, by of Moreis in Company fat 39. 35 Long 39. 45 and from show Stewing of E, the 6 Morris Friday Oct 2 All these 24 hours light Courses Co Morris in sight Jat 38.54. Long 39.14

Vaturday 3 All these 24 hours light airs
4. Calms Sunday 4 To Commences with hight aris from As & W Steering of of M Middle of latter Much the Same Sund 37.08. Long 39.08 Sturing of My & Middle of latter much the Lat 36,47 Long 39.38 Orresday 6 of Gelmo 3 Fail insight fulfling and At 36.85 Long 39.40

-293-Continued Mednesday Oct. 6 Commences with a Calm latter light breezes from the Westward heading to the South by the wind saw a part Mogood Saw & Busque boiling sweed words Thursday Oct 8" 26.09. Long 36. 33. Meather light breezes from the West heading to I I, and at 6 PM. Gamed Bks Haleon Cafet Allen 350 this Venson & Crew 100 bbls This searce Middle of latter squally wind toursable. from South to S. E. I Berke insight det 35:55 dong 40.04 Finday 9th So & signally Middle & Lattice hight bregges from So E, fine weather 2 Whales insight this heading to the Eastword Lat 35. 40. Long 39. 1%. Lat 35. 40. Long 39.1%. Walturday 100 Commences with light bus from S. E. heading to Go, & water light buffling airs of Culms at 8,30. Am, Saw & Lowed for a Thoul of Small Whales. Ends Bouts Chasery Let 35.40 , Joney 39.40 Tunday 11 th Commences with a Galm Chadung The Wholes the Book Felcons Boots in all Orohale (Missid with a good Chance Broke The Booksteen Fulcon Jot & Small Whale Lather brick bruged from The Mestround - Int 35.39, Long 32. 42

Oct 12 1874 Commences with brisk brisk brisk Same latter synally Jan 39.53 Continued Commences with brick breezes from ah so, wo fine weather Ship heading to So ED, at 6 P.M. Guned 18ks Aliminoise Valcon & Oriero Middle & latter frie weather, wind & S.E. Mednesday 14th Sat 35.48. Long 39.57 light bruges from A lathe light boffer Theresday 15th dat 35, 37, Long 39, 58 Commence with light Julian insight Middle short Sail Luy Main Top Sail abuch Lorthen brisk Wholer insight Steering to the Eastant Ling of 135.43 Long 39.22 from Of 20, Aterring to the Eastward latter brisk breezes I Whale insught light breezes from I to steering to the Eastwood at Might Shortened Pail and Sufect by the wind Jut 35.33 Jung 36.19

Sunday 18th Continued -295from I.W. fin weather Steering of the Middle by the wind to to son short dail latter streeting 6. P. Et. light aus from d. 2) Sht 35-35 Long 35,52 Commences with light air from Mod M. Steering & S. Co Middle & Latter heading to Est. of De Point Venation 2) Inesday 30. To Commences will light bries I Calms Middle Wind from FER full latter Much the dame heading to Mednesding 21 De there 24 hours light Muschent acceles in sight Lat 37. 40, Long 33,29 light airs & buffling from Ess. & To I. & heading to So. Es. Several sail meight Lat 38.06 Long 33.11. aris & Galous several Merchent shifes in sight Oblanday 24 to Sut 38. 16. Ing 32.54 Commence with light bright from the westward diereing & & by & change Songitudes with french ship Middle of Latter brisk breezes for 37.54 forg 30, 25

Continued Annday Oct. 25 1/8/9.4. brisk breez & from the Westward The Lame latter light breezes fand Theo insight bluning The song 27.45 baffling his from So. W. B. & Calms insight ahead. 50 Miles aff forg 26.39 fluriary 9 to 18 there Course Day Juniary 9 1875-heading my by so by the Horner at Might-shortened Vail heading to the weatherst latter Made Sail steering wby I. Jun 10th Lat 17.05 V. Long 35.55.W Consmences with brick breezes from The Sorth heading west by So. By The wind latter steering Wby So. Sut 17.07. Long 36.63. Frishburges from So So at 3 PM. won to E. J. & Middle Much the Lame latter heading to down saw I fail dat 17.13 Long 36.55 Juni 12th Street 24 hours light breases a baffling from & 2 NED for 19- 48 long 36.50

Junary 13.18/3 Commences with a Calmer Several Muchant wissels insight Middle -297-A latter light bruges from the Eastward Steering of by E. Sit 19.00. Long 36. 35. Commences Mitts to Calm Middle to the South by the wind several sail insight but 20.04 Long 36.4% from the sole heading to the south.

from the sole heading to the south.

for 16th wind fat 21. 42 hing 36.32 In East steering of & latter Avind South. the Mosta steering of by E. Middle Much the same latter bush herzes faming 35.32 Commences with hight been from North Ends saing wind light of baffling Commences with thick saining weather Middle of latter light airs from I & latter stured I by 10, So Clas Commences with light breezes from East steering V. W. Middle & Latter Much the same sturing of and Weat Sut 26.18 Dong 36.37

Continued. January 21 t 1875 All these 54 hours light bufflering winds fanning 22 de Cols & Lung Commences with ( Calm with heavy rain at Might double reefed fushed hight sails bontinual thunder Middle brisk bruges from S. E. Steereing V. W. ruing bather wind haulling to Mrs. A Clearing St January 23 .. Commences with light breezes from Whit) heading In, Middle Slatter light baffling airs & Calms Lat 28,08 Long 40,00 from An, to South Middle Calm latter light breezes from the Vouth heading Wby S All these 24 hours brisk breezes from the South Steering M. of M. Lat 28. 48 Long 42. 34 Junion 26 Th All these 24 hours brisk breezes from & Co Sturling W. M. at Sunset Shortend vail I huffed by the wind on both tacks dung The night at daylight steered W. S. Will All these 24 hours light breves from the Eastward Steering moders Middle huffed by the wind under short Jat 29. 27 Jong 44.14

-299-Continued Commences dorth light breezes from The Eastward Steering W. V. Wat Might Shortened Vail & luffed by the wind latter wind from the Borth Steering Mily du Junuary 29th Commences with light boffleing winds at 6 P.M. had a hard synall from J. C. Took in to double seef Main Jos sail Middle strong bugges heading to In latter heading to A. E. Saw & Buck sturing 5.20 Lat 27. 27. Jong 45.48 Juneary 30 D Commences with strong buges from E. J. E heading to S. E. under double weeks at Might shortened Fail wore to the South Latter brisk breizes heading I by M. him weath Commences with bieth becaus from & F. fine Mouther heading to the South Middle Short dail latter strong doubler next breezes saw (a frie of squiel & Many Brids Hebriary 1 of Commences with strong bruges from & Co heading of w by of Middle short Sail latter find weather hight breeze from d. C. E heading to N. W. saw o Brigg heading to for, Lat 32.12 Long 42.55 Lebruary 2 heading of M. Middle & lather light theezes haffling from J. E to W. J. W. Saw 2 Pail large youantitys of Flying Sprice Lot 33. 25. Long 49.01

Continued Commences with light breezes from wes. W. Latter at 9. All wind from the South tacket To W. M. fine Mesther fat 34.13 Long 49.22 Commences with light bruges from the Eastward steering west at Might shorted Vail steering west latte at 9 Mm daw in Isen hater stured from douth to do, as Deternary 6th to some with fresh breezes from sie, hearing Water Took in to double sief Main Jop Sail I for Sail wore to the Eastward strong burn Middle & latter Much the same heading of & by & at 18th, blowing on took in to double reef Main Jofo Sail & fore dail Spoke of form Comodore Morris Took 150. Alls of Tenniet of Bk Perry, Jamed with them Comminces with fine weather latter Strong breeze from ( And) hearing to the westward for 51.23. Commences soith strong breezes from Sof, Wat 4 P.M. wore It of & latter five weather spoke Bk Vea Bruges & 13k Tirry June . Let 36. 4333. Long 50.40

Continued -301-Lebenary 99 Commences with light breezes from IN steering R. S. E Middle Minch the same latter blowing strong double reefed B& Perry & Vew Bruges insight in grun Mater Lat Long Dontinues strong from So S. E heading Took in Concres & Close sufed for Top Sail wore ship to the Eastward Middle Som the Same latter light breezes from A. S. 20. heading to A E. Commences with fresh bruges from As & M heavy M.E. Swell Middle & latter Calm I Vail marght o Whater Commence with ( Calm bad swell from No EO. Middle breezes from the weekward with thunder & Lightning latter light freezes 3 buffleing from Vas to J. E. Whaters indight Ends Calm Hebriary 13th Dang 49a01 Commences with a Calm at 6 IM, light breezes from M. E. heading A. S. 12 Middle Month the same latter strong breger from Hebrian 14th Commences with birsk bruges from A & by B. saw I Sail Sut 34.07. Long 18.37

Continued Tebinary 15 1875 Commences with light bruge from A by & heading & by So. Middle Much The same latter fresh breezed of sains So Obs Commences with strong breges from heading & E. Middle light bruges from I. M. stureing A by E. latter light from the Worth at 10. Al sow a large four Whale Mean the While heading to the Mindward Towed 3 Boats & Chard the Chip More Whales to Leward gave up the Whale to the windward of Come for the Ship Lat by trong 33.30 Song 45,25 Commences with fresh bruges from The Vorth fin Chear weather save at 20,3 Goats Cure on bound have Mothering men of the Wheeles to Seward tacked back he The Whale to the windward some nothing of him at Annsut Shorten Vail Muddle heading to the westward latter heading to The Eastward February 18# Jony 45.06 Commences with strong breezes from from I. J. & heading to the Eastward latter fresh bruges from the South stung Sorth Employed repairing Main Vail Hebruary 19th Cammienes with strong bruge from The & I. E steering South latter wind & & & heading North ton the wind Jak 31. H2 . Long 4 5.01

-303-Continued Hebruary 30 1/8/16-All these 24. brisk bruges from the Eastward fine Weather physical Spunker February 21 th Middle & latter Much the same at 6 A.M. rose a large of sum Whale a heart at & AM. Whale on the the Howevel for him at A. 50. Lurbourd Bout Otsuck Whale Hounded Vic Mate bent on Harboard Bout give her Line to Warit Boat Corne to the last flake of Jim in the Rotted of by being soit with fresh water Jul 32.47 " Long 44, 18. February 22 Commences with fine weather at I PM Boats returned whale out of sight of thrown a way by Careleseres in hot looking out for & suing that his line was sight Middle of latter Much the same looking for the Whaling Lat 32.48 Long 44.14 Hebruary 23 Commences with brisk breezes from the Eastward & fine weather latter light breezes & Calm sow a fin Back Stured W. S, W Lat 32. 40 Long 44.41 Weberrary 24th Commences with light heezes from the North Steering no I'm at 3 Pm Saw a ashoal of Sperm Whales going fast to the winds lowed to Chance Middle strong bruges from Sr. E. latter at 10:30 Ahn wind Changed to 0, 22, in p squall with som

February 25 1875 Commences with to Modderate Gale for V. W. Middle or latter Much the Vame Sammence with I trong bruges from I. Middle Calm father hight buges from A. W. daw a Boig Steering to the East Leberrary 27th Osmences with light breeze from the Ship on different tacks Ship on different lacks
lat 32.32. Long 44. 10.

Rebruary 2 80 the

Britis heading to M. Jan Middle

Glatter light airs from Fan fine weather Darday March 14 Jong 44.67 Commences with light airs from Jus fine Weather Middle light breezes from. R.E. latter brisk breezes steering of & Thresday March 22 .. Tong or on Commences with drisk breezes from So, S. E. Sturing Of ly E. at Hight shortened Vail latter strong double seep breezes heading Mediesday March 30. 45 Long 44.58 from An So & heading to Sous, Middle heading to the Eastward latter Much the same Commences with strong breezes from The North & sainy tacked to the west Middle Much the Same Sather light bruges from South versiable to East 4-033.12 Juny 45.18

- 305-Continued. March 5th 18/16 Commences with fresh breezes from to & heading to S. S. W. Middle & latter heading DE S. E. fresh breezes Sup 33.18 Long 44.40 March 60 The Sorth heading to the East ward under double seefs latter thick swing weather the So Oles Commences with strong bruges from A So, m) thick rainy weather at 1 P.M. wind Changer to of m Church uts steined Joby W Middle under short Sail by the some B. O.E. Lather steered S. S. E. Lat 32. 25. Long 44. 52 Much 8th Communes with brigh breezes from of of w) Sturening S. S. & at sundet daw & large White Matter a head saw it twice tookin all sail to double seef Main Tookin all sail to double seef Main Wind to Est & Middle blowing strong latter Much the Same Steered So. W. D's hours their Murch 9 th Jan 31.26 Long 44.00 Commences with strong brunes from Shortened Vail Middle of Lattic light breigns steering & So, E March 10th Commences with hight and from Misch the same sur fall signed Brig Sturing & So & Q Righ Troll from Lat 29. 50 Long 40.480 The Faith

Warch 12/875 Bosning Co by & (a Brig insight the Song 40.07)
Sturing Co by & (a Brig insight the Jat 2 1.48. Long 40.07)

Boulmin as with light beaffling and golden Middle of tathe Much the sum Soft 29. 28. Long 40.08 Commences with a Colm March 17th Commences with fresh breezes from E. S. E. at 2. PM. tucked to J.C. Middle Much the same latter at 6,30. Alm sow a shoal of Offerm whales at I Sowred A Sturb Boat Struck the wholes brought I too the other 2 Boats Sterch The Larbow Boats Whale foreled both of the other Lines of Parted them last both of the other whales Chased until the wholes : Wer out of sight at 12 Cume onboard y one Whale Danned hard Luck & Sut-26.0/ Long 36.01. March 18th Commences with brisk breezes from S. E with fine weather at 1.30, leavemented away the head latter Commenced boiling Ship heading E. N.E March 19th Luk 26.07. Long 34.49 Commences with light breezes from The South ship heading S. E. by & Middle & latter Much the dans at 1. All, finished booking Lut 25,00 dong 33.56

-307 -Continued March 20 1875 Commences with light wie from & Burroll from So So, wito of wo, Middle Galon latter Light airs from I. 19. Steering S. E. July 33.31
March 21th Commences with higher wies from O. F. & Steering S. E. Middle & latter light bafflering winds to balins am Sail Starch 22 dong 33.31 Begins with light breezes from Jose Middle of latter light & bufflering from O. E. to So. El Stowed down the ail 817 Jullon Lat 23. 10 Jong 33.13. Begins with hight breezes from E. S. E. of buffling Middle wind S.E. heading to so, wo latter at 5 Am tacked to E by So. 1 Brig insight Sat 23,05 Long 32,45 Begin with light bruges from No. 8. E heading East, Middle & latter Much the Same (a Brig & 1 Ship insight.

Sat 23.03. Long 30, 48 Bigin with light buyes from the South heading from 6 800 to 6. Middle of lotte Much the Jame ( Beig insight Begins with light airs from the Hoth heading & . G. latter Culow with light baffling ais & sandez a Beig mengt Isw Che

May. 13 # 1825."

Bout Jinde bound on alpum Nohale May 21st Shortened Sail in Latt 27. 00 Many 22. Fine Weather with light wis May 23. Fine Weather light baffling. · from the Mustaved thering Each May 26 fine weather & Caten with light hours with light from the Sol Course East hight airs from the S. S. Co. heading cast latte. 5 hours of Mag 27 Commences with light being from the South Steering East Middle of latter May 28 Hommeners with brisk breezes from The South thereing & by S. Middle Mult The Same Latter brick breezes from July 3 may 29 H Commences with busk bruses from Md M Sterring & by S. Middle May 31 th May 30 M. The Westward steering & by An Middle of latter Much the same Soft Song 48.84.

, with Atlantic Ocean -309. May 31th 1875 Commences with busk frames from the west Sturing East by &. Minute May 31 1875 June 1 Formier as with buck buyers from & S. E. heading to No. Es, & suring Philade Calm lather Much the dame ful 32.05 taging Commences with fich buyes from 6, I, E, & suring at sun sut shoots Vail to Clase suf Main to to Sais Whenthe sung Mother lather fine weather with light bruge from do, Weturn Eing. June 3° 111 If All these 24 hours strong bruges from O. a. Which hogy weather sow sound should of Porposous at Might heef by the mind to d. E. under I doubble week Tolsenils Lat 33.08. Long 44.2%. latter Stirred Easton June 4 Commences with strong breeze from Of of 10) thick Houng Quetters Count bout at thight shortened sail to double suftminin Jep Sail & buffed by the wind to N.20. latter at & Al Gamed Ble to M. Morgan wind of m heading to date bought 3 & Coil dow from Cammences with birts buges from of M. hudring to S. F. E at I Bom. parted Ermpung with the 6 25 magein shortered Sail heading to Man, Middle wind and laker virrulle from to us, to both Leading to An, Eg Sut 38,50 Long 42,50

June 6 1/15from & Sous heading to A.C. Middle and latter Calm with light baffling and father Calmi with light baffling and father being 41.53

from your Monday

Commences worth Colabor batter breezes from the Castward lather light breezes from the backward heading to st. At . Saw a whaling thing hing heading to the South by the wind suppleased to be the comice to. Adams Sat 34 n 21. Song 41.68 Wheeles from the Gastward heading & \$1.68 Middle Much the summer Latter strong huge saw from Backs Sat 35.44 long 42.11

Mednesday Mine 9

Commences with strong to 1856.

Middle to the courts short Said Latter to St. S. darv Fin Backs

Middle to the courts Short Said Latter to St. S. darv Fin Backs

Middle to the Courts Short Said Latter to St. S. darv Fin Backs

Minesday June 18 Commences and Song 41.55 buyes from Ed, & heading to so is at 70 h tacked to the South latter from weather Attrolog from 11.90. Commences with fine Meather light breezes from & I. & heading Sur Black Fran & Porpoise Ship heading West Set 35. 35 Ly 41.31

-311-Continued June 12 to 1875 Commences with hight breezes from The Guetward heading to the North Middle & Latter Much the Same Saw June 13 to Lat 35.07 Long 40,58 Commences with light breizes. from the Castwerd heading to still Middle & latter Much the same or Lat 35, 6.2. Long 40.38 Opposite tucks saw 2 Jack the Eastword Ship on appointe lacks All there 2 4 hours light breeze boffly from Cast to d. of & Muchant Ships here 16th these 24 hours light beege Muse 16 H A boffleing from I E, to South with fine Muther Sawo pice of syrid Sat 36.34 Long 10.24 All these 24 hours light air y buffling from dowth to d. of by heading to V.E. Jan-En Mumber of Merchant bussels at Policeles June 18th these 24 hours light buffling ans & Caliers suro Mung Fin Bucks Min 19th All there I 4 hour hight bufflun airs from West to the mon Streeting to at the Sat 36,27. Long 39,46

Continued Ila these 24 hours light baffling airs & Calms Commences with light air from The douth Middle & Latter light boffling airs & Butins Jumed with Bk of parture New Bedford Cafet Drifs Ho. days out blun I other whaler indight o westerly Current Judday 2 2 - 13. Long 40.06 All these 24 hours balon 2 whales insight several Merchant Ousils Mednesday 230 Long to, 28 All these 34 hours Balon repure Main Sail I Whaters of a Muchant Beig insight Commences with to outer Middle and latter light breeze from the South Sturing V.C. Law Herry Buches & Whalers insight of Muchant Duys Friday 23-# 26.03 Long 37.49 Commences with light ais from S. C. Steering J. C. Lutter Outine. Lat 35, 53, Long 39, 28 Vaturday 26 4 Commences with light airs from Works Steering of by in Law & lowed for Black fish Middle Calm lothe light ans point Sons, heading to J. d. no Employed Painting Ship inside Sut 3 5. 20 Long 39.1 Sunday 27 All these 24 hours hight buffles wis & Calmon Sake heading so with my so Lat 35.27 Long 39.4

Continued londing Insday June 28 1875 Commence with light bregge from the westman heading J. 2D. Middle heading to the Anth latter brick bring from that heading & A. ins. Medical any 39th Commence with strong brege from the westward heading to the south Middle or lather light winds of boffling Ship on apparente tock I Whale weight Mednesday 30 Hornsolvy Commen a with light bregge from The westward Jamed 13k Spartan Sun Mothing Middle & latter light bruge from So, M. heading to M. J. W Musday July Pt 15/3., 35.38 Long 39.36 Commences with light beers from Sons, heading to al 20 latter light airs of Gulms Spartum ineight Friday July 2 Meather Wind Versuble sound The Compacts sun Hymp Dacks Aut 35 30 toy 37.41 Surger from the Eustwerre stering ofwell Course daw Henrip Ducks Turnelung July 4th Comminces with fine Weather daw Many Humb Bucks Wind verrable from 6 to I zo fine much Sparke 13th 6. W. Morgun deen Nothers

Monday July 6 1876-Commences with light breezes from D. D. Sturing No 113 by 12 Middle of latter ight airs from the Eastroad Inesday pely 20 th 43. Long 42.04 All there 24hour light buffling air or Calmes Come Solls. by as. Lat 36, 35 Jong 43,11 Wednesday puly ; m Commence with hight wire from the North heading to the Gast Westward Middle & latter light airs from 8;6 heading A. M.M. Thursday July 8" Commences with light aris from the Eastward Steering Routh. Meddle Galme latter light airs of burgable from Eto, J.E Sew Porposes Set 37, 46 Long 45.30 All Thise 24 hours light buffling air ? Calms Saw I dail Vaturday July 10th 15. Long 45.78 Commences with light lover es from the South Sterring so so to Middle & lather light bruges from S. J. 28.00 Jong 44.00 All them 24 hours light breeges from & of 20 Steering & E. by J. 18 Murchant weeks in Sight Jul 37. 23. Lung 42.39 Wonday 12 All these 24 hours light been from R. J. D heading VI. E. Saw 6 Sail A 36,31 Lors 41.19

Inesday pely 13 1875 -315-Commences with light breezes from Med I Steering of by & Middle of lother I Books I Schoone 1 Beig Broad Wednesday July 14th All there 24 hours light breeze, & frie Weather from V. W. Saw & Robuling Baryon & Joh. Sat 35.35 Long so. 14.
All these 24 hours light breges from All these 24 hours light baffleing air Taturday 17th All these I 4. hours light ais from C.E & Calms I Whaling Burgines & O Brig in Dight Several Merchant bessells Thinkay 18 m Commences with light airs from V. & Middle Much the same lutter buck breezes from & d, W) heading to V. E. 4 Whalers insight saw Black Fish Monetay July 19th Long 39. 26 Commences with brisk breezes from At In heading to Or a Middle Much Steering & L. E. I Whaling Book insight

Quesday July 20th Commences with strong breeze from Va, 2 squally at 5 Pm. Spoke & Jume with Burghe Haelley Corket Cleveland Middle of latter Much the senne of on the Lea Beam at 6 Am lowed the Last. Bout struck the other whole went off out of eight the about Burk spokens at to. Took whole to Ship blown strong at 12 M Commence Carther lemmence with a gule from w. 220 gragged at TATA got the wholes head off & Port of the Body at 9. gritt for the night at daylight tryed it again it was to engget Thursday July 22 Commence with a gale from In A squally at 3 P.M. Modelerating fineshor Cutting the Body latter fine with Mach Sail heading to of no wind W 183, W) found The Ship Leaking 1500 oftroles Commence with brisk breeze from Comments boiling Middle of taken Much the land Halisday July 24" 48 Long 35.29 Commences with brisk breezes from at 2018,20 heading to of m. at Might won To the South Middle of latter from well employed builting Sut 35.07. Ling 36.00

Continued Vinday July 28 18/8-Commences with fine weather light breezes from whith heading to Middle sainy lather fine weather Jut 3 5.54 Long 35 59 Commences with fine weather light breezes from of to, Middle saing latter Jake weather saw I wholing theme Confaloged stowning stown Bread dat-36.00 Long 36.29 Thiesday fily 27. Commences with breek breeze from Wo We finished stowing down & 65. ble Middle equilly with rain latter strong double suf brieges but 33.3/. Long 36.05 Commences with strong bruges from Wo, M. Middle & latter Much the lame I whales insight lat 35. 44 Long 35. 5%. Ormences with strong breezes from Sino 4 Whales I Buks 2 Ochoons doing hothy Whiden My 30 to All there I 4 hours fine weather with higher bruges from O W, heading to the lands and I Woherleing Bush's All these 24 hour fine weather light Laffleing winds sieve 2 Wholing Burks one showed her Private signal Couldnot Make it out John 37.63 Long 37.41

Jankined 1. 1875. Il these 24 hours hight baffley Hohomer insight 36,13 Long 38.07 Commences with hight buyer from The Westward healing With South Middle Much the Laine Latter Light from July heading to the Med trong 38.30 Commences with light buges from of my Ship under all Vail at 4. Ph Spoke Bank Varah B. Hale 4 Months out Chun Middle of lutter Much this Same Wednesday Ang 40 Commences with smally weather ship Minder all Sail Courseling one ships ineght Middle & lothe Strong breeze from the Outhward July for Clas & to Commences with fine weather light Courseing Middle of Lather Much the dur Friday Aug 6 20 Commences with fine weather with light butterly winds under all lail Steering to? the Mestioned Middle and Lutter The dame found both Oumper Aplit buil took this out a derved them with Vow der ship deals 3000 Otrokes in 24 hours Sat 34.30. Jong 43.01

-319-Continued Harretan Aug 78/3.75 Commence with fine weather with light Easterly winds sturing to the westward finished the Pringes Middle & lestie Culm Junelay Ang 8th All This 34 hours light buffling and of Galms at 1 Mm. spoke 18k Prosiece of New Bedfood the bles of Monthsout Luther at 10. Alm Saw (a Wheelering B) with Boats down 10 Miles off Lower 2. Pouts. or Ment for them. Lat 33. 46. Long 43.47 Commences with fine weather with brick breezes from W. St. rap. at 3 8 m. sow The wheles from one ships at 4. our I Pouts baught up wither the Bks Boats of Meeters on the Whales at 5 PM Clarier Lust Bout Street whales turned to the Mornistward Lowerd Forb Boat trying to head them but they got by us. took the whale to Bh Were at duck latter one Boats Grew Onboard the Mave Helping Out the Rommences with fine weather fresh buys from the mextwerd at sun sut finished Gulling Bouto Gero- esturned to the ships Middle & lather fine weather How wi Company Giriany spit deaking 5000 thokes. Let 33.15 Long 42.56 All these 34 hours fine weather shis Guny in Company with B& Brown dat - 38.24 fory 43.21

Continued Thursday Arig 12 th. 1875 Commences with light ares from M.E. with fine weather this heading to the my at sunset & pake 13th Ware, Middle or hatter Much the summe at I this sent I Bouts to the lower is work to back of Oil Contains 11 5-5, Juls of pun Oil one halet The Whole made seturned the sum Mumber of Julians of Empety weak. The Much all Veil steering & ro, by as Mude but latter strong being from the on I ship Leaking 5000 Thoke in 24 hours I of E. sturing by my Middle Bryht from V. m. lather strong from mest Lat 34,00 Long 44.22 Vatriday Any 14th Commences with Obrish bright from The Westward heading to No My 2, at 4 SM. surally from A W, heading to the from The Broth Shering W. 18 700 rigged Meetward Middle & latter light briges Annelay Ang 15-00 Jong 35.4 Commences with light brigge from & Sufflering from Now. to Sh. M. 23 Middle Monetay Ang 16th Long 4/200 Commences with light buffling and or Oulms Ship Leaking Food of Stroke westher found to Leak in the Start week in the Start broke out as healed the shirt time to stop it at work trying to et to Link Let son

All these 24. home light bofflung and on Cellons formed the Ship budly Morne Eaten done the best we Could Couldent get at it out thile to far under water the Plunkeydo but in the Jung way I done not Hook on to but a Galled this Men down Stoped the Leak to E3000 Late 20 23 Jones 27.59
All these 24 hours fine pleasent Ship Leaking 3000 strokes in El. Low Munsday Aug 190 Commences with to Calm Middle & lattic light breezes from S. W. heading to the westroad daw a wholing Schoonin sturing of 20.

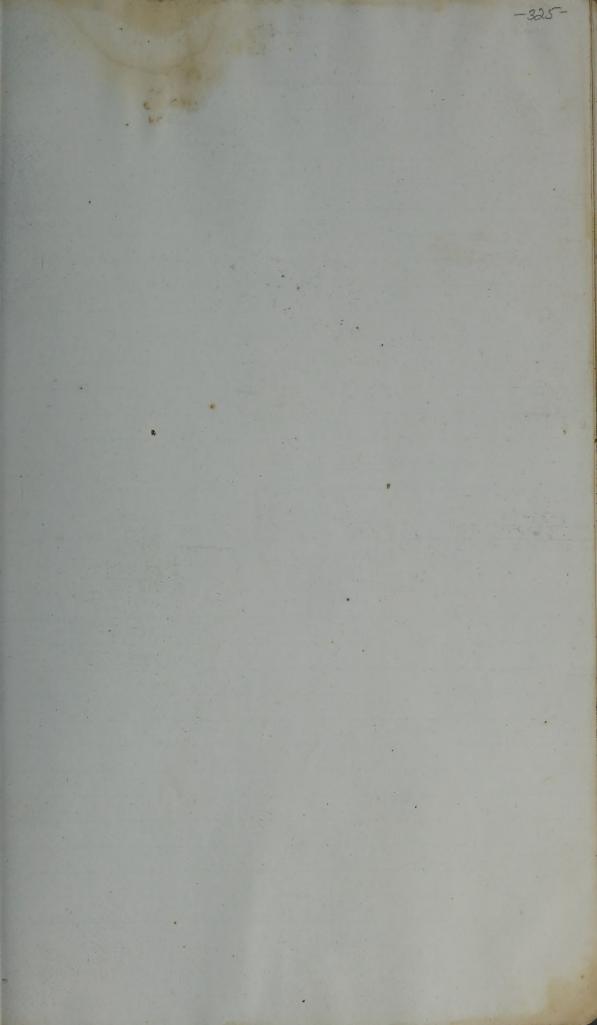
Sur 32.04 Long 47.26

Finday Ang 20 A. Commences with light breezes from & D. heading to the westward Middle of latter strong bruger heading Commences with strong breezes from South Stucking W. S. 20 at 18. 14, en in to To Thoul of Small Offerson whole Ship in to bad a State to Wower for them it Made Me sick to the Tomach Middle at 9 Ph. wind Change to Geat strong buyes & Syrally latter strong breezes & fine weath Munday Ang 22

Continued. Junelay Ang 22 All these 24 hours brisk breezes from 6,8,8 Sturing W. S. 19 Ship Leaking 5000 Stopker Sut 33.04 Jong 58.08. Commences with light breezes from The same Took out Book Sump 3 sepaine It. E. S. & Steering A W. by no Mednesday Ang 25th Commences with light burne from E. J. & Steering Sono by Whip Seaking 8000 Strok in 24 hours perfectly smooth with 4 Min on Pamps at at time Suf 34.39 Long 63.16 Commences with light bruges from E. S. & Steering & W. by win w Middle & lather Much The same worked ship out Sin Huday Ang 2 7th 64. 54 Commences with light airs from East Middle of luther light air from the Most heading no to post for down Jung works Commences with light boffling are from A. E. to South Course with 20) Middle a late Merch The dame dat 36.02 Long 66.28 All these Id homes winds buffling or Synally Course Why Ir Long 6/28

Continued Commence with light breges from O. W. n. smally at & P.M. hard shrall from Mests at 6. P.M. Cealm Middle light and from the Each with same squalls bassometh 26.60 felling to 36.13. Jong 68.28.

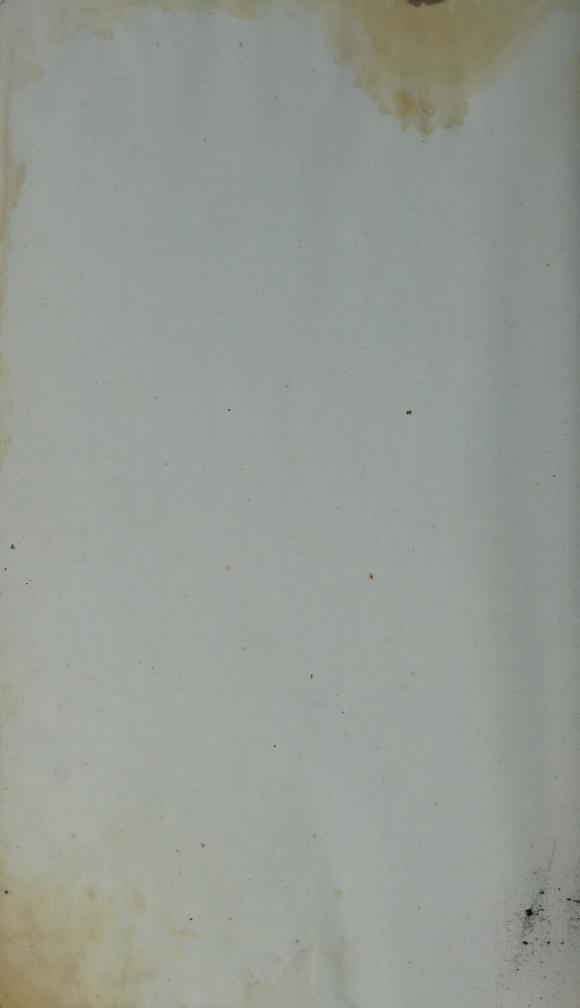
Oct 11 27882 Bumme 7-05-16 27-54 12-46-15 12-46-58 926164 12-46-36 4.29966 12-46-36 4.29966 12-46-36 4.88741 12 42.46 926164 12 42.46 926164 12 42.46 2.31-33 4.18-26 2.5-6-64.36 28-00 12-45-35 8-24-26 4-21-16 Chem 261-65-126 brings Bermerde 64-26 brings 12-46-36 31.56 97.04 157.00 78-30 2.8-00 7-05-17 7-42-17 200-7-03-17 6-28-10 from the rate 7-09-17 6-24-2 1 See \$10 38-43 38-53 31-54 97-11 16-50 38-51 46-06 6-28-35 4.22-27 2-13-53 I'm gibes hiles Q 265-37 Burnela Light whereing & 7-05-17 66 7-12-45 445 7 9-12-45 426 7 8-08-15-8-08-5-5 17-10 8-08-35-8-07-34 3-45-42 20-5-4 41-40 31.54 00345 3-43=42 97-13 4.41158 5.22-43 160.07 4.90823 21-80 3-58-53 54-03 3-48-42 15-01 8-38-38 14-52 07 111 65-53 4.18 952 32-56 4.18 6 413 33-06 9.1 2821 5-1-01 8-38-38 8-38-20 76 58 14-56 8-35-28 07111 vu 345-16-06 31-544.48764 97-13492339 144.13948573 72-06 4-28-42 5-7-06 4-28-42 4-28-42 4-28-42 31-5-4 4-26-29 4-15-29 4-15-29 5 25-9-64-47 97-13 162:13 81-06 48-00

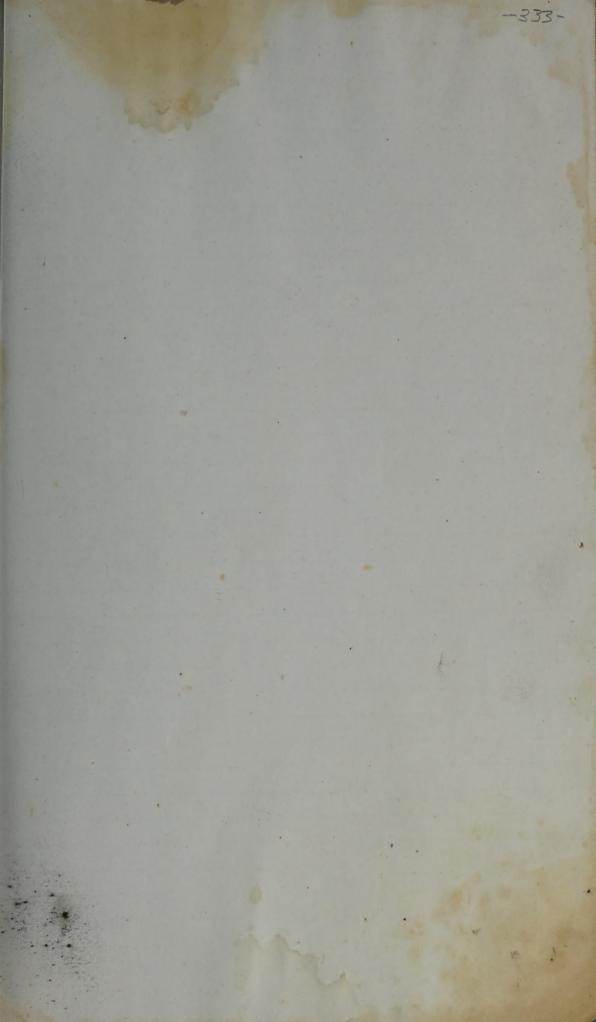


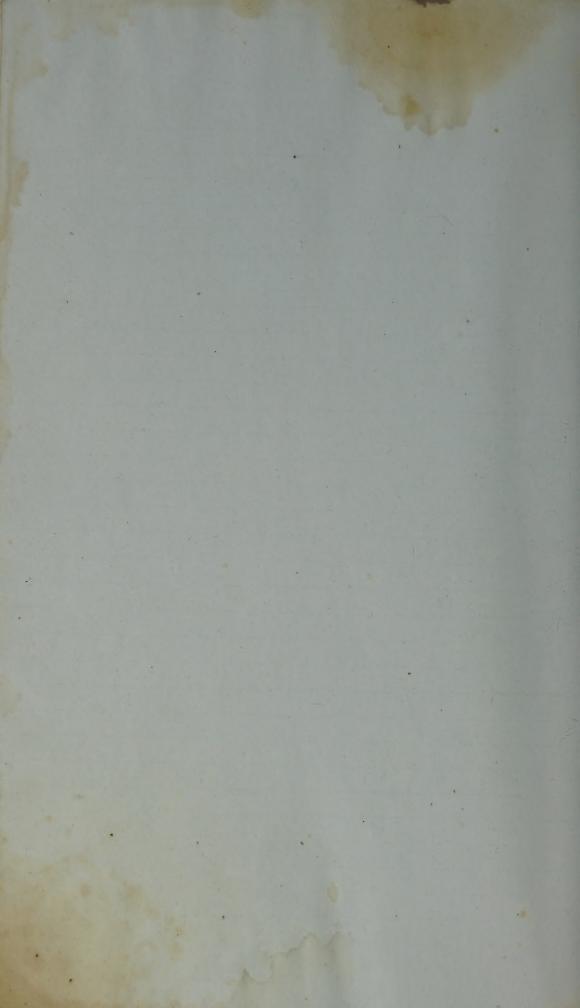














1874 June & July 30, \$5 50.70

South 39, 00 Song 23-30 to 24,00

Long 3-2 00 Land 49, 20

Long 3-3 John Dansur Snymt JAA-44-00 Long 0,300 48,30 26-30

Long by I Chronometers off Honolulu Heurbon 7 1 53 1108 15" 46 "43.

15" 46 "43.

20" 17 "27

9" 46 "64

10" 31" 23 159. 50. 45.W Long by Chein No. 1589. Du 191870. 23.34 23-00 8 . 5 3 . 22 38.05 8.53.46 17,47.08 8.53.34 29.41 20.23.53 9.52.25 10.31.27 157.51.45 38.06 9.52-26 38" 15 - 03058 21" 15 - 03058 111" 53 03248 174.26 8.8 7325 85.43 9.8 6705 38" 18 18.8 0336 Img Hundulu Hurbane 157. 52 47" 25 9.4 0168 Long W 50,240. 3 = 40. 4,40.04 Chr. 2671 Cheen 1 3 90 03700 4.38.42 28.50 9-30028 28,42 43.43.54 9.88244
19.23414
4.61707 5-70-32 4.39.00 134.00 113.19 3.15-44 4:46:06 94323230 23-34-45 49.38 01482 Dec 16.187/ 9-29654 Chron 26 1/1 allow 0-06,08 -61502

- taken on Br diction Dist about 11. 2m. ser 160 77. 17. 20 31. 20 154. 32. 40 119. 26 59. 43 32. 04 16. 16. 11 16. 16. 13 16. 16. 13 17. 48. 50 PD113. 134 59. 55 00010 4. 07. 54 59. 55 9. 66199 59. 15. 56 8104 59. 15. 59. 66199 59. 15. 59. 66199 17. 04. 54 59. 55 9. 66199 27. 20 18. 38022 17. 04. 54 59. 55 9. 66199 27. 20 18. 38022 17. 04. 54 59. 15. 59. 66199 29. 19. 011 Line 10.48. 40 29. 19. 011 Line 10.48. 40 Ships. Jing. 19. 19. 31 Chrom

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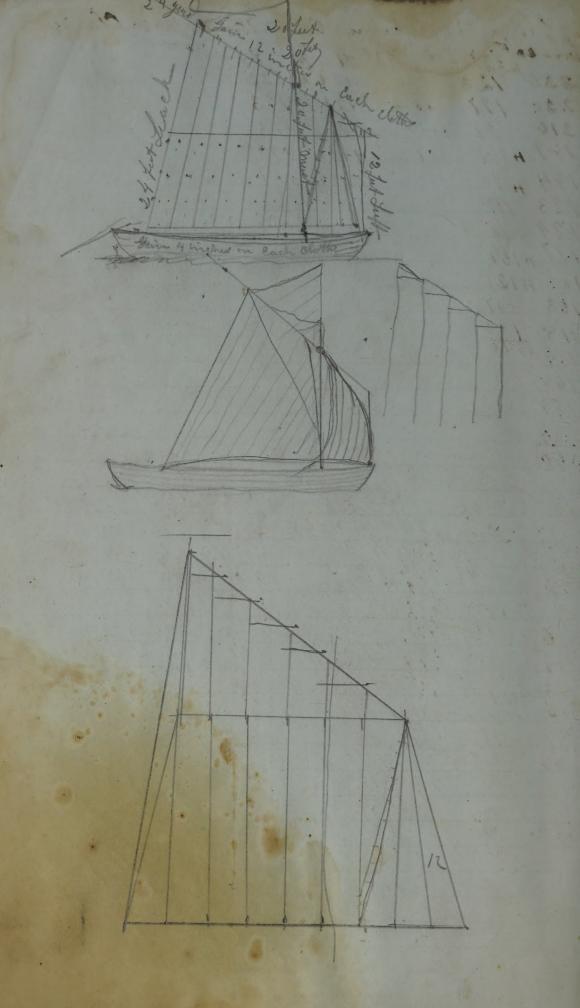
60.35

1/3.25 03711

1/5.36 8.62196

30 26 "59 18.31 597

9.15-798 Long by Chu 161.04.30 7-34-16 4.20,64 4-40-04 5- 5.26



16.

June 13-18/2 Browned bore East by Compays and by Lateticke which was 132, 14, Korth Dist 12 mil tacked Ships heading X June 13. 1872 at 12 m. Burn Light house bou East le Compass Dest- 12 Miles Shot at the time heading & S. Es July Ole 32. 14. North

and 18 the Boo Mer Marchant Ju n 45,00 Min Hoghlogg \$ 10,00 5,00 Mr. noeex 6,00 2,00 Clark Allen 2,00 2,00 Joseph Antone 2,00 2100 200 osefich Aprilas Gerson 200 Prayer 2,00 1,00 Facolf Lowis 1,00 1,00 1,00 1,00 fant Portugee 1,00 1,00 Idek 1,00 Alagator 300 Mohnuel Verdinaped 1,00 400 Mundred 1,00 George Canada 100 1,00 1,00 Jacinto Mor Moarchans Dec 131h " Roellogg 5,00 Roseld 5,00 blank Aleen 2,25 Vere Antone 2,25 " Toe Eamos 2,25 " Moannee Fragger 2,25 " Facul Lopis 1,25 " 1,25 " Timo Porthige 1,25 " Nach 1,25 " Alagater 125 " Moon Gerdinand 1,25 " Hundred 1,00 11 1,25 " Gearge Can Jacinto 1,25

1 king Butter 1. Boat. 8 Coils J. Line S. Proves Bread Rivers. Glaggs. hoops, Ifrine Stone . 2. B. Anchors I bil Dakples 3 kigs. Tobaces. Line , Son Sust Cocioca on board Ship Canada Dec 3014853 40 BLS BEEF & 30 PORK YICASK RICE A Male Boat from Ship Oronimber Spe 30th 1853 Clark Allen 2,00 - p.o Joseph Antone 200 Hoe Comas 2,00/ Mhomas Jeffersoff 1,00 Jim 100 Toharles 1,00 Char 100 400 Bog 100 Pice-Manoel Perd 1,00 Mean 100 1,00 Jack 100 Fack 1,00 faint 1,00 Jacisto Old / Hundred 1,00 old Ann 100 Alfgator 1:00 Alagalor, 0 Most Beed 5,00 Read 6,00 Man Marcha 2,00 1. K. DIO,00 Mr Kellogg 5,00 =30 whole

Short 9 , Shook Isteads Received From wrose inch lowed in the fore Jean on Larboard Side Carks 11# 18 Butt Ineads VITTOON 14 to 29 W/ 21 Pope Intead & HI orps from 28 to 40 53 to 60 " #24 " " # 25 1 # 24 2 " # 40 0 半 33 " # 30 " # 39 1 7 6 " # 3 "#55 "#57 1. Pipe Shook from 13 to 16 Stowed in fore peaks I Side \* " 21 ; 23 24 " 26 8 112 5 11. 8 " 1 " 4 Hds + 4 Hoops " 1 " 13. R Short Shooks from 23 to 36 " " 15 to 29 " 19 " 22 average 180 galeons
" 15 " 18 Has Star Lide Showns Lar Lice C Pipes Water from 1 "tan Siac gals from Orozimbo " 300 " Hole Single " Tooks fore Hole Single

Discharge This Carelle Days 1390 Mul= 261 3-40 2:284 3, 162 4. 183 5. 136 6.083 1. 129 4 - 5 8 149 1393 9. 110 50.240. 15 13 11/ 5=23 10,159 11.150 12 " 127 13, 115 11-14-62 14 , 101 15 1151 50/195=13 16 . 125 33.31 17.112. 18,100 73-23-15 165 194185 204169 63/4 21.168 22,149 614 23,134 24 11 99 25.128 264 177 27 4 159 1457 28,272 31,98 35.100 Kul off 50, 84 51 " 80 52 . 97 59 1102 60, 86 61.120 (3)10018 (150

Inboard This Cottinbo 113 1181 No : 29 162 The 15.204 ,30: 95 47.6.165 13/1/40 " 17.271 18,221 324109 79,247 33,176 120 "123 "121 "123 "122 "123-1394 "125" 232 "126" 280 80.192 36,112 374/50 82 1/20 381204-1148 391129 83,102 40 4/04 94,176 86.296-2730 41 4215 " 220 12 ,202 8-6, 2156 87. 244 43 4120 129 , 228 = 1361 44 1/78 681/69 89,169 15,202 130 168 46.205 90.196 131 - 148 47 4178- 1539 132 ... 165 91 94 44 W/195 133 . 246 12 175 93,205 134 211 49 .. 3.23 94.201 135 . 161 53,25/ 15.230 136 . 196 54,194 137: 180 96 m 142 554/30 138 . 149 56460 17 415-7 57 116 18 . 205 139 1/84 38.114 99,142 100.175 42.157 63.4177-1959 101.116 64.146 102.144 65 1/60 103, 258 104.216- 3436 66,230 67,219 105 4/8/ 69,230 106221,229 69.200 107 175 10.018 108.242 11.162 109.209 72.060 Spill a181 73 4155 111 4 270 74.1607937 412 180

49. 70 47 Long 19 39-00 4944 Mater stowed in after Mater stowed in More Model 314 194

no trilion instruction in arion contentiments console apples The Corneling Marchant to 40 tin Pots 3/1, @ 123456489

Chrom 2611 1390 Henry Butcher 11111 Henry Liminson 11111 4 ,5-5-5-0 4.56.21 · Marilo Dugan - 1111 4.55:35 4186-43 Bill a hill : - 11111 Thomas Strong - 11.111 0100,108 George Dealborn 11111 Anith Holly -1111 Helliam May 1111 10, 5390, 6-36 (Chan 261) 7, 27 9146-16 9145=3-8 John Robinson 11111 9.45.58 Junnay, 2,18/2 Chiles Hyatt 1111 Henry Dewall -11111 7.06.09 7.08.20 Peto Kannaka 11111 9:16:08 5.15-101 George Homaco -1111. June 19.1872 Lord George 1111 (390)7 02:40 7:09 39 7:09 39 7:09 39 7:09 39 7:09 39 7:09 39 Thord George - 11111 6.55 10611) 2109127 19162 3 3 2109139 1916 Odlled Recover 11111 John Jackson 1111 Frank Spink 11111 of the Ed. French-1-50 1-50 -1-50=1-50. 150 Jenos Sinton 1-50 1-50 - 1-50 150 Charles Regnoles 1-30 1-30 1-50-1-30 dance the Startin -1-50 - 1-80 = # 150 / 50 Charles Charsh 5-00-5-60=2-50-5-00 Gato-5-10-40 7-50=5-00-5-00 2.50 John Seary - 5-00-5-00= 2-50 g 30 Qt Charchant 5-50 - 5-25- 3-00 = 6-50 Joseph Britt - 2 00-1111 Der 16-1871 0 apring -1 30 = 150 150 60/24 h Feb 21 Chrom 1890 50 Miles by Bing Hoia

692 Progress Mr Hogatt 50,1250 25 gels. Comp 500 500 mr March 35-00 mr more Deffunce es et michal 226-98 Bustrollus 25-4-37 25-3-44 1.37.18 1.38-08 3.08.20 4 , 46.03 148.37.03 East 30 April 149

4 Sunar & Bewation taken in the Satitude of 18-51 of: 173 West Cast at 2=39 pm on the 31 Day of Al Inach o alt Fist Palt 101=13=15 28=15 2 = 42. 29=1.2 101=13=15 101=13=30 3)303=36=15 701=11=95-X 701=11=50 16=04 mor 16=04 mor 101=43=35 2=28 H.Gos 100=51=642727 100=51=642727 100=51=642727 3/136=24 30=11 19=00 18=5-1 62394 85-3= 0013 18-3= 23-936236 16=41966706 49=00966706 27=41955734 9,9908 68.26 1222 3160 196012 4882 196012 4868 hips 1-37-48 Themwich 15= 37-28 4-28/13 5 3,50 02 1-5-3 4-26-20 23 34 23-06

Off It morres 4.81.83 × 16.34 4.34.39 36.56 23.06 76.56 24.56 76.25-1 111.40 1.39-37 765.25-1 24.56 63-56 4.26.20 12 09756 4.30.23 8.50.06 3.96.14 60 LH 166"06/91 3.01.16 40.12 03727 40.12 036,98679 20.12995415 20.18996993 36.569-53496 11.38 9-16 8-98026 10.46.21 20:14 10-44-5-9 9:95078 10 12 9 19:063 02 111 38 9-83 18-1-00 169:03 9-21-14 84:37 9-21-14 20:29 9-69:46 21-30.28 10,43,00 9,58,20 1,39,54 60, 24-43 10,49.3-4 5-19-40 7-10-46 168.52 10-46-48 1390 Chron 10 5-0 -48 29-3-8 9.09.46 3:46 9:40:55 100,25=14 4.01. 10,46,48 4:04 9 10 9 14 6 101-25,15 25.17 4.01 5-26 1-08 miles 10-45-14 10:49-17 1-37-3 100-25-12-45 23,06 1-46-48

21.39.36 3004708 3,33,41 3,33,29 23.50 27.868204.04 33.06 24=45: 11:14 3.58

Whales Jeen Taj Tsarque A. Ty Ticke South Long 35 .. 48 West Ung Tothe Lat 36.12 Garciosal Sept A South of 14 Lat 41, 47 North Long 37, 00 " 41.38 u Ju 36 .. 10 1% " 21 42.15 . . 36 . 20 " 1 42,24 " 22 35 11 48. " 36 " 14 \_ " 36 " 25 26 41.12 -11 36,39 41.15 11 30 " 32,25 48h 17 40:14 3.8 11.37 " 21 38 "15 . Fire 6h 9 20 mile First Teason Lat Second Long Noith West. 33. 13 470,33 40 , 110 " 26 40,100 gelle 14 4/11/ 36,30 they 17 39,00 37,13 36.25 23 36,05 11 31 35 . 52 J. 9 10 36,30

nt of sperm whales deen in the Back go seph Butter g. Mayher maybe 1850 Trang. Latt. 70. 50 7. Saw sperm who May 8th 37.51 . 2/ 30.15 " 12,37 .. 30-11 12.26 .. .. 28 ... " 312 29.50 12.33 13.03 . 4 June 500 12.30 30000 .. July 5th, 57 "30 " 32.30 " " 2000 51.07. 31.50 " 300 51 " 02 " 30-610 Aug 14 10 35"11 " 43 .. 20 " 38,30 . 165 42"30 " 1 / 1 43 . 23 . 35.16 41,10 " 23 35.42 , lander 3:00 all Sept. 8th trayal and anchored saw spore who Oet 17th 24.06 Sof of The 49,00 Lee 10th 33 ,11 " 22" 48.40 33.05 26 33.10 48,30 Jan 21 1 41.20 33 , 50 Theb 15 m 32,03 48 11 25 . 26 5 48 155 31:45 Mas Ino 32.00 49.00 .. 4/1100 11 10 20 31,32. 2.40 1 15.37 April 12 th 15 50 2.32. 4 " 00 . 17.19 4 .. 01 .. 18 4 1.8. 35 2 "21 " 18 11 00 Aug 11th 1:13 6. 315 32.55 1 000 11 33.03 Ven 1th 15.42 71. 1/207 May 23 54 45 56 25 " from Sat. 34000 to 5 post Long from 2 100 Who piece 1/4 1052 returned May 26 " 1859

Lat 35 an North Long 45 3 19 20 23.70 148.32 Black The 46.35 287 170 2/12 46-10 46.33 47.04 20.4 40.00 14.3 多数 36 47 18,30 18.29 25 91 47.17 57 68 46.11 45-137 42,00 39.35 39.18 28,42 3-7-3-40.48

